

# Asp Net Mvc Interview Questions And Answers

Cracking the Coding Interview A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide-Sixth Edition / Agile Practice Guide Bundle (HINDI)ASP.Net Core Interview Questions And AnswersDot net & MVC interview questionsBeginning C# Object-Oriented ProgrammingDomain-driven DesignEssential Angular for ASP.NET Core MVCLEARN MVC IN 7 DAYSExam Ref 70-486 Developing ASP.NET MVC 4 Web Applications (MCSD)C# 4.0 in a NutshellHands on with ASP.NET MVC.NET DevOps for AzureBootstrap 4 By ExampleMurach's ASP.NET Core MVC301 Smart Answers to Tough Interview QuestionsSql Server - Interview QuestionsASP.NET MVC Framework UnleashedProfessional ASP.NET MVC 5Pro ASP.NET Core MVC 2Asp.net Core in Action.Net Interview QuestionsAngular 2 Interview Questions and AnswersHands-On Object-Oriented Programming with C#500 AngularJS Interview Questions and AnswersASP.NET MVC Interview Questions and AnswersProgramming Microsoft ASP.NET MVCDesign PatternsProgramming With World Wide Web, 4/EHands-On Parallel Programming with C# 8 and .NET Core 3Professional ASP.NET MVC 1.0Net Interview QuestionsProgramming ASP.NET Core, Programming ASP.NET CoreAngular Interview Questions and AnswersIntroducing Microsoft SQL Server 2014Programming Entity FrameworkRockin the C# InterviewPro Client Development for ASP.NET Core MVC DevelopersThe C# Interviewers Master Cheat SheetSQL Interview Questions. NET Interview Q&a

## Cracking the Coding Interview

Use this book as your one-stop shop for architecting a world-class DevOps environment with Microsoft technologies. .NET DevOps for Azure is a synthesis of practices, tools, and process that, together, can equip a software organization to move fast and deliver the highest quality software. The book begins by discussing the most common challenges faced by developers in DevOps today and offers options and proven solutions on how to implement DevOps for your team. Daily, millions of developers use .NET to build and operate mission-critical software systems for organizations around the world. While the marketplace has scores of information about the technology, it is completely up to you to put together all the blocks in the right way for your environment. This book provides you with a model to build on. The relevant principles are covered first along with how to implement that part of the environment. And while variances in tools, language, or requirements will change the needed implementation, the DevOps model is the architecture for the working environment for your team. You can modify parts of the model to customize it to your enterprise, but the architecture will enable all of your teams and applications to accelerate in performance. What You Will Learn Get your .NET applications into a DevOps environment in Azure Analyze and address the part of your DevOps process that causes delays or bottlenecks Track code using Azure Repos and conduct acceptance tests Apply the rules for segmenting applications into Git

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repositories Understand the different types of builds and when to use each Know how to think about code validation in your DevOps environment Provision and configure environments; deploy release candidates across the environments in Azure Monitor and support software that has been deployed to a production environment Who This Book Is For .NET Developers who are using or want to use DevOps in Azure but don't know where to begin

### **A Guide to the Project Management Body of Knowledge (PMBOK(R) Guide-Sixth Edition / Agile Practice Guide Bundle (HINDI)**

Mastering client development is essential to truly mastering the MVC Framework. The benefits of using the MVC pattern on the server-side are now well understood and have become hugely popular. However to fully reap the advantages of MVC you must also understand what is happening on the client-side. Modern client browsers are extremely feature rich and capable of doing a great deal of processing and communication work for your application. If used correctly, they will streamline your data and application workflows, making your code appear both faster and more responsive to your users. By using client-side processing you reduce the load on your servers and save both bandwidth and CPU costs. In this book best-selling .NET author, Adam Freeman, shows you how to craft the HTML, JavaScript and CSS elements of your application to make the client-side of your MVC applications as slick and responsive as

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the server-side code they compliment. You'll learn how to use JavaScript to maintain your application's user experience independently of the server, how SignalR can provide real-time updates and how the Azure Cloud provides push-notifications to any client device. Put together these techniques will speed your development times, create a rich and responsive interface and seamlessly integrate your client-side code with the MVC pattern you're employing on the server. Starting with the nuts-and-bolts you'll be shown everything you need to know from first-principals through to advanced features. Pro ASP.NET MVC Client Development goes in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to be truly effective.

### **ASP.Net Core Interview Questions And Answers**

If you know the basics of C# and HTML/CSS, you're ready to learn how to build ASP.NET Core MVC web apps the way the professionals do. This book covers all the essentials: the MVC pattern, Bootstrap for responsive design, routing, Razor views, model binding, data validation, EF (Entity Framework) Core for database handling, dependency injection, xUnit and Moq for unit testing, Identity for authentication, and more. It gets you going right away with a subset of basic skills, then builds on those skills so you'll soon be developing real-world web apps. Along the way, you get dozens of practical coding examples that help you apply what you've just learned and

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show how all the parts work together. And when you're done, this book does double duty as the best on-the-job reference that money can buy.

### **Dot net & MVC interview questions**

Microsoft's ASP.NET Core and some important questions and answers are covered in this book. Let's get to know, crack your interview and rock your world.

### **Beginning C# Object-Oriented Programming**

Enhance your programming skills by learning the intricacies of object oriented programming in C# 8 Key Features Understand the four pillars of OOP; encapsulation, inheritance, abstraction and polymorphism Leverage the latest features of C# 8 including nullable reference types and Async Streams Explore various design patterns, principles, and best practices in OOP Book Description Object-oriented programming (OOP) is a programming paradigm organized around objects rather than actions, and data rather than logic. With the latest release of C#, you can look forward to new additions that improve object-oriented programming. This book will get you up to speed with OOP in C# in an engaging and interactive way. The book starts off by introducing you to C# language essentials and explaining OOP concepts through simple programs. You will then go on to learn how to use classes, interfaces and properties to write pure OOP code in your

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applications. You will broaden your understanding of OOP further as you delve into some of the advanced features of the language, such as using events, delegates, and generics. Next, you will learn the secrets of writing good code by following design patterns and design principles. You'll also understand problem statements with their solutions and learn how to work with databases with the help of ADO.NET. Further on, you'll discover a chapter dedicated to the Git version control system. As you approach the conclusion, you'll be able to work through OOP-specific interview questions and understand how to tackle them. By the end of this book, you will have a good understanding of OOP with C# and be able to take your skills to the next level. What you will learn

- Master OOP paradigm fundamentals
- Explore various types of exceptions
- Utilize C# language constructs efficiently
- Solve complex design problems by understanding OOP
- Understand how to work with databases using ADO.NET
- Understand the power of generics in C#
- Get insights into the popular version control system, Git
- Learn how to model and design your software

Who this book is for This book is designed for people who are new to object-oriented programming. Basic C# skills are assumed, however, prior knowledge of OOP in any other language is not required.

## Domain-driven Design

Complete question bank to crack your .NET interview with real-time examples  
Key Features  
200 dedicated questions on MVC and Angular  
100 Questions are

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given for WPF and WCF Skills 150 Questions are dedicated to data access layer technologies like ADO.NET, EF and LINQ Questions on UML, Design pattern and architecture questions Covers.NET interview SQL Server questions Book also discusses current salary trend for .NET and C# developers so that when you go for an interview you should know what current market rate is ? and you negotiate it fairly. Description Book has been around 10 years in the industry and is the number one chosen friend when a C# developer is looking for a job. So do not look any further. Just pick it up. This book covers more than 1000 real time .NET interview questions ranging across 20 categories like .NET fundamentals, OOP, SQL Server, ADO.NET, MVC6, Angular, JQuery, HTML 5, WPF, WCF and so on. The best part of this book is the DVD which has awesome step by step videos to learn MVC and .NET as soon as possible. What will you learn After reading this book, you will be able to understand .NET Framework, OOPS, ADO .NET. You will be able to know ASP .NET WebForms, ASP.NET MVC, JQuery, Angular, HTML 5 and CSS 3, SQL Server, WPF. Who this book is for This book is built in such a way that it is useful for all categories such as technical or non-technical readers. This book is perfect. If you are a fresher and you want to learn about .NET, or if you are a teacher and you want to teach what is asked during an interview in .NET, this book is very helpful. Table of Contents 1. Top 50 Technical and Non-technical Questions 2. Basic .NET Framework 3. OOPS 4. ADO .NET 5. ASP .NET WebForms 6. ASP.NET MVC (Model View Controller) 7. JQuery 8. Angular 9. HTML 5 and CSS 3 10. SQL Server 11. Removing, Web Services and WCF 12. WPF 13.

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LINQ and Entity Framework 14. Design patterns, UML, Estimation and Project management 15. Ajax 16. Reports 17. Threading 18. XML 19. .NET Interoperability 20. Extra's 21. Algorithms 22. Learn .NET and MVC About the Author Shivprasad Koirala is a Microsoft ASP.NET MVP, self-employed and mostly into Microsoft technology corporate training. He is hypnotized with training and teaching. Till now he has taken more than 2000 corporate training, 80 published books written, with more than 1000 articles. His LinkedIn profile: <https://in.linkedin.com/in/shivkoirala>

### **Essential Angular for ASP.NET Core MVC**

ASP.NET MVC insiders cover the latest updates to the technology in this popular Wrox reference MVC 5 is the newest update to the popular Microsoft technology that enables you to build dynamic, data-driven websites. Like previous versions, this guide shows you step-by-step techniques on using MVC to best advantage, with plenty of practical tutorials to illustrate the concepts. It covers controllers, views, and models; forms and HTML helpers; data annotation and validation; membership, authorization, and security. MVC 5, the latest version of MVC, adds sophisticated features such as single page applications, mobile optimization, and adaptive rendering A team of top Microsoft MVP experts, along with visionaries in the field, provide practical advice on basic and advanced MVC topics Covers controllers, views, models, forms, data annotations, authorization and security, Ajax, routing, ASP.NET web API,

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dependency injection, unit testing, real-world application, and much more Professional ASP.NET MVC 5 is the comprehensive resource you need to make the best use of the updated Model-View-Controller technology.

### **LEARN MVC IN 7 DAYS**

Completed updated in 2015! Never be stuck not knowing the answer to a technical interview question! This book will get you prepared. Never get turned down again because you didn't know the answer to a technical questions. Even the most advanced C# concepts are in this book. The job market is tough and the competition has never been greater. It is necessary to stay ahead of the game and make sure you go into interviews prepared. You don't have time to waste to get the job of your dreams. 99% of candidates fail because they don't remember specifics. This book will give you the edge you need to put yourself above the rest. Interviewers are looking for people who know their profession inside and out. Here is your chance to shine. You aren't getting the job unless you know what is in this book! Written by one of the leading careers experts and bestselling author of 2015 New! Rockin the C# Interview Book, this definitive guide to questions and answers encourages every job-hunter to think on your feet and express your individuality while supplying ideal responses to interview questions so that you're seen as the ideal candidate for the job. Learn how to negotiate the best rate for any contract or salary to get the most compensation you can. This book tells

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you the secrets to get the most money for your time and effort. You are guaranteed to make an additional \$1k - \$50k more for the exact same job just by following my advice! Bonus questions and answers for MVC, ASP.Net, ADO.Net, Entity Framework, WCF, Silverlight and Object Oriented Programming.

### **Exam Ref 70-486 Developing ASP.NET MVC 4 Web Applications (MCSD)**

This Book is useful for student & jobseeker who is looking for a job in C# dot net development. So do not look any further. Just pick it up.- This Book covers more than enough real time .NET interview questions ranging across 3 categories like .NET fundamentals, OOP, SQL Server, ADO.NET & MVC and so on- Lots of interviewers give importance to data access layer technologies like ADO.NET, EF and LINQ. Questions are dedicated to these categories to ensure that you do not have issues in the interview.- If you are looking for senior position then interviewer probes around project management, UML, Design pattern and architecture questions. - When it comes to .NET interview SQL Server. So a separate chapter only dedicated to SQL Server so that you can handle questions around SQL Server.- Lot of interviewer's ask questions on unusual topics like complex SQL Query most frequently ask question

### **C# 4.0 in a Nutshell**

To support the broadening spectrum of project delivery approaches, PMI is offering A Guide to the

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Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition as a bundle with its latest, the Agile Practice Guide. The PMBOK® Guide – Sixth Edition now contains detailed information about agile; while the Agile Practice Guide, created in partnership with Agile Alliance®, serves as a bridge to connect waterfall and agile. Together they are a powerful tool for project managers. The PMBOK® Guide – Sixth Edition – PMI's flagship publication has been updated to reflect the latest good practices in project management. New to the Sixth Edition, each knowledge area will contain a section entitled Approaches for Agile, Iterative and Adaptive Environments, describing how these practices integrate in project settings. It will also contain more emphasis on strategic and business knowledge—including discussion of project management business documents—and information on the PMI Talent Triangle™ and the essential skills for success in today's market. Agile Practice Guide has been developed as a resource to understand, evaluate, and use agile and hybrid agile approaches. This practice guide provides guidance on when, where, and how to apply agile approaches and provides practical tools for practitioners and organizations wanting to increase agility. This practice guide is aligned with other PMI standards, including A Guide to the Project Management Body of Knowledge (PMBOK® Guide) – Sixth Edition, and was developed as the result of collaboration between the Project Management Institute and the Agile Alliance.

### **Hands on with ASP.NET MVC**

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Now in its 7th edition, the best selling book on MVC is updated for ASP.NET Core MVC 2. It contains detailed explanations of the Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. The book includes a fully worked case study of a functioning web application that readers can use as a template for their own projects. What's New in This Edition Fully updated for Visual Studio 2017, C# 7 and .NET Core 2 Coverage of new features such as view filters Wider platform and tooling coverage than ever before, with more on Visual Studio Code and working with .NET Core on non-Windows platforms Docker-

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based application deployment What You Will Learn Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC 2 and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the ASP.NET Core MVC 2 Framework.

### **.NET DevOps for Azure**

Beginning C# Object-Oriented Programming brings you into the modern world of development as you master the fundamentals of programming with C# and learn to develop efficient, reusable, elegant code through the object-oriented programming (OOP) methodology. Take your skills out of the 20th century and into this one with Dan Clark's accessible, quick-paced guide to C# and object-oriented programming, completely updated for .NET 4.0 and C# 4.0. As you develop techniques and best practices for coding in C#, one of the world's most popular contemporary languages, you'll experience modeling a "real world" application through a case study, allowing you to see how both C# and OOP (a methodology you can use with any number of languages) come together to

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make your code reusable, modern, and efficient. With more than 30 fully hands-on activities, you'll discover how to transform a simple model of an application into a fully-functional C# project, including designing the user interface, implementing the business logic, and integrating with a relational database for data storage. Along the way, you will explore the .NET Framework, the creation of a Windows-based user interface, a web-based user interface, and service-oriented programming, all using Microsoft's industry-leading Visual Studio 2010, C#, Silverlight, the Entity Framework, and more.

### **Bootstrap 4 By Example**

Fully updated for ASP.NET MVC 3. Delve into the features, principles, and pillars of the ASP.NET MVC framework—deftly guided by web development luminary Dino Esposito. ASP.NET MVC forces developers to think in terms of distinct components—Model, View, Controller—that make it easier to manage application complexity, while allowing strict control over the markup. Plunge into the framework's internal mechanics and gain perspectives on how to use this programming model versus Web Forms, and begin building your own MVC-based applications quickly.

### **Murach's ASP.NET Core MVC**

## **301 Smart Answers to Tough Interview Questions**

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The complete, pragmatic guide to building high-value solutions with ASP.NET Core Programming ASP.NET Core is the definitive guide to practical web-based application development with Microsoft's new ASP.NET Core framework. Microsoft MVP Dino Esposito introduces proven techniques and well-crafted example code for solving real problems with ASP.NET Core. Step by step, he guides you through using all key ASP.NET Core technologies, including MVC for HTML generation, .NET Core, EF Core, ASP.NET Identity, dependency injection, and much more. Esposito thoroughly covers ASP.NET Core's cross-platform capabilities and what's changed from older ASP.NET versions, but he doesn't stop there: he offers a complete learning path for every developer who wants to build production solutions, including mobile-specific solutions. Microsoft MVP Dino Esposito shows how to:

- Create new projects and understand their structure
- Set up and use the familiar MVC application model in ASP.NET Core
- Write controller class code to govern all stages of request processing
- Serve HTML from controllers, or directly via Razor Pages
- Master the Razor language for quickly defining the layout of HTML views
- Manage cross-cutting concerns such as global configuration data, error and exception handling, controller class design, and dependency injection
- Secure applications with user authentication and ASP.NET Core's policy-based user authorization API
- Design for efficient data access, and choose the right option for reading and writing data
- Build ASP.NET Core Web APIs that return JSON, XML, or other data
- Use data binding to programmatically update visual components with

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fresh information • Build device-friendly web views for iOS and Android • Explore the radically new ASP.NET Core runtime environment and Dependency Injection (DI) infrastructure

### **Sql Server - Interview Questions**

### **ASP.NET MVC Framework Unleashed**

MVC (Model-View-Controller) is the popular Microsoft technology which enables you to build dynamic, data-driven, mobile websites, TDD site. Hands-On with ASP.NET MVC is not only written for those who are going to have affair with MVC for the 1st time, rather it is written in such a way that even experienced professional will love reading this book. This book covers all the tiny steps on using MVC at its best. With complete practical tutorials to illustrate the concepts, you will step by step build one End to End application which covers below mentioned techniques - Controllers, Views, Models, Forms and HTML helpers, Data annotation and Validation, Membership, Authorization, Security rather you will also learn how to bootstrap your design, then how to host the app in AZURE, Web API and Dependency Injection. It also covers MVC 5 and MVC 6 features like, • Mobile optimization, • Improved Scaffolding, • ASP.Net Identity, • One ASP.Net, Bootstrap • Common framework for MVC, • Web API and WebPages, • Self hosting, • Cloud Optimized, • No Build Dependency, • Cross platform support, • And many more out of the box things.

## Professional ASP.NET MVC 5

What people are saying about C# 4.0 in a Nutshell  
"C# 4.0 in a Nutshell is one of the few books I keep on my desk as a quick reference. It is a book I recommend."--Scott Guthrie, Corporate Vice President, .NET Developer Platform, Microsoft Corporation  
"A must-read for a concise but thorough examination of the parallel programming features in the .NET Framework 4."--Stephen Toub, Parallel Computing Platform Program Manager, Microsoft  
"This wonderful book is a great reference for developers of all levels."-- Chris Burrows, C# Compiler Team, Microsoft  
When you have questions about how to use C# 4.0 or the .NET CLR, this highly acclaimed bestseller has precisely the answers you need. Uniquely organized around concepts and use cases, this fourth edition includes in-depth coverage of new C# topics such as parallel programming, code contracts, dynamic programming, security, and COM interoperability. You'll also find updated information on LINQ, including examples that work with both LINQ to SQL and Entity Framework. This book has all the essential details to keep you on track with C# 4.0. Get up to speed on C# language basics, including syntax, types, and variables Explore advanced topics such as unsafe code and preprocessor directives Learn C# 4.0 features such as dynamic binding, type parameter variance, and optional and named parameters Work with .NET 4's rich set of features for parallel programming, code contracts, and the code security model Learn .NET topics, including XML, collections, I/O and networking, memory

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management, reflection, attributes, security, and native interoperability

### **Pro ASP.NET Core MVC 2**

Step by step guide to become an expert in Angular

**DESCRIPTION** This book provide all the important aspects required for angular developers looking for brief and useful content for frequently asked Angular Interview questions. You have already worked with other Modern Web Frameworks like AngularJS 1.x, KnockoutJs, Ember, Backbone and now you are keen to become an expert in Angular including version 2, 4, 5 and 6. You have no framework experience at all but you have a profound understanding of Angular and now you are keen to know how to bring your web apps as well as mobile apps to the next level. This book will give you an idea of the Angular framework (including version 2, 4, 5 and 6 and provide you an excellent understanding of the concepts. Changing job is one of the biggest challenges for any IT professional. When IT professional starts searching job, they realise that they need much more than experience. Working on a project is one thing and cracking an interview is another. This book will give you a bird's eye view of what is needed in an interview. It will help you in doing a quick revision so that you can be ready for the discussion faster.

**KEY FEATURES** Book provide all the important aspects required for angular developers Learn modern Web Frameworks like AngularJS 1.x, KnockoutJs, Ember, Backbone Book will give you an idea of the Angular framework (including version 2, 4, 5 and 6) and

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provide you an excellent understanding of the concepts. WHAT WILL YOU LEARN The Basic Concepts of Angular, its Components, Directives and Modules Angular Form, Elements, Templates, and Validations Dependency Injection (DI), HttpClient Angular Services, Routing and Navigation Angular Compiler, Pipes, Service Workers Server Side Rendering (Angular Universal) Angular Security, Cookies Basic Understanding of Angular Testing and TypeScript WHO THIS BOOK IS FOR You are new or have some experience in Angular and now want to take the step to become an expert in Angular and want to learn more about how you can apply the new concepts specifically for an Interview or developing robust web apps as well as mobile apps. Table of Contents 1.The Basic Concepts of Angular 2. Angular Components 3. Angular Directives 4. Angular Modules 5. Angular Form, Templates, and Validations 6. Angular Elements 7. Dependency Injection (DI) 8. HttpClient 9.Angular Services 10.Routing and Navigation 11.Angular Compiler 12. Angular Pipes 13. Service Workers 14. Server Side Rendering (Angular Universal) 15.Angular Security 16. Angular Cookies 17. Basic Understanding of Angular Testing 18. Basic Understanding of TypeScript

### **Asp.net Core in Action**

This book has the collection of Angular 2 Interview Questions and Answers with TypeScript and basic of Angular 4. Angular 2 is a most popular framework for developing mobile as well as web applications. Angular 2 is so simpler, faster, modular and

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instrumented design and it is developed by Google and Misko Hevery is the father of Angular. You can learn complete knowledge of Angular 2, TypeScript and Angular 4 simpler and faster with examples. This book has important questions and answers for beginner and expert level of developers and it's containing 115 questions and answers with TypeScript, Angular 4 and examples.

### **.Net Interview Questions**

Enhance your enterprise application development skills by mastering parallel programming techniques in .NET and C# Key Features Write efficient, fine-grained, and scalable parallel code with C# and .NET Core Experience how parallel programming works by building a powerful application Learn the fundamentals of multithreading by working with IIS and Kestrel Book Description In today's world, every CPU has a multi-core processor. However, unless your application has implemented parallel programming, it will fail to utilize the hardware's full processing capacity. This book will show you how to write modern software on the optimized and high-performing .NET Core 3 framework using C# 8. Hands-On Parallel Programming with C# 8 and .NET Core 3 covers how to build multithreaded, concurrent, and optimized applications that harness the power of multi-core processors. Once you've understood the fundamentals of threading and concurrency, you'll gain insights into the data structure in .NET Core that supports parallelism. The book will then help you perform asynchronous programming in C# and

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diagnose and debug parallel code effectively. You'll also get to grips with the new Kestrel server and understand the difference between the IIS and Kestrel operating models. Finally, you'll learn best practices such as test-driven development, and run unit tests on your parallel code. By the end of the book, you'll have developed a deep understanding of the core concepts of concurrency and asynchrony to create responsive applications that are not CPU-intensive. What you will learn Analyze and break down a problem statement for parallelism Explore the APM and EAP patterns and how to move legacy code to Task Apply reduction techniques to get aggregated results Create PLINQ queries and study the factors that impact their performance Solve concurrency problems caused by producer-consumer race conditions Discover the synchronization primitives available in .NET Core Understand how the threading model works with IIS and Kestrel Find out how you can make the most of server resources Who this book is for If you want to learn how task parallelism is used to build robust and scalable enterprise architecture, this book is for you. Whether you are a beginner to parallelism in C# or an experienced architect, you'll find this book useful to gain insights into the different threading models supported in .NET Standard and .NET Core. Prior knowledge of C# is required to understand the concepts covered in this book.

## **Angular 2 Interview Questions and Answers**

Knowledge for Free Get that job, you aspire for! Want

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to switch to that high paying job? Or are you already been preparing hard to give interview the next weekend? Do you know how many people get rejected in interviews by preparing only concepts but not focusing on actually which questions will be asked in the interview? Don't be that person this time. This is the most comprehensive Angular JS interview questions book that you can ever find out. It contains: 1000 most frequently asked and important Angular JS interview questions and answers Wide range of questions which cover not only basics in Angular JS but also most advanced and complex questions which will help freshers, experienced professionals, senior developers, testers to crack their interviews.

### **Hands-On Object-Oriented Programming with C#**

Now in the 5th edition, Cracking the Coding Interview gives you the interview preparation you need to get the top software developer jobs. This book provides: 150 Programming Interview Questions and Solutions: From binary trees to binary search, this list of 150 questions includes the most common and most useful questions in data structures, algorithms, and knowledge based questions. 5 Algorithm Approaches: Stop being blind-sided by tough algorithm questions, and learn these five approaches to tackle the trickiest problems. Behind the Scenes of the interview processes at Google, Amazon, Microsoft, Facebook, Yahoo, and Apple: Learn what really goes on during your interview day and how decisions get made. Ten Mistakes Candidates Make -- And How to Avoid Them:

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Don't lose your dream job by making these common mistakes. Learn what many candidates do wrong, and how to avoid these issues. Steps to Prepare for Behavioral and Technical Questions: Stop meandering through an endless set of questions, while missing some of the most important preparation techniques. Follow these steps to more thoroughly prepare in less time.

### **500 AngularJS Interview Questions and Answers**

NOTE: This title is also available as a free eBook on the Microsoft Download Center. It is offered for sale in print format as a convenience. Get a head start evaluating SQL Server 2014 - guided by two experts who have worked with the technology from the earliest beta. Based on Community Technology Preview 2 (CTP2) software, this guide introduces new features and capabilities, with practical insights on how SQL Server 2014 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now. Coverage includes: SQL Server 2014 Editions and engine enhancements Mission-critical performance enhancements Hybrid cloud enhancements Self-service Business Intelligence enhancements in Microsoft Excel Enterprise information management enhancements Big Data solutions

### **ASP.NET MVC Interview Questions and Answers**

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Completely updated in 2015! Now with more questions and answers to make sure you are prepared! Short, concise and to the point answers for C# technical interviews that will get you the job you deserve. Be prepared and make sure know the answer before you go into a technical interview. This reference will give you the edge over the competition. Know the answer to any question an interviewer might ask. Including C# 5.0 and C# 6.0 questions and answers. With Bonus Questions: ASP.Net, OOP, ADO.Net, SQL, MVC, Entity Framework, WCF, Silverlight, WPF and Security Related.

### **Programming Microsoft ASP.NET MVC**

"As valuable for the executive going into her umpteenth interview as for the college grad seeking his first real job." -Richard Zackson, Business Coach, Professional Coaching Network In today's job market, how you perform in an interview can make or break your hiring possibilities. If you want to stand a head above the rest of the pack, 301 Smart Answers to Tough Interview Questions is the definitive guide you need to the real, and sometimes quirky, questions employers are using to weed out candidates. Do you know the best answers to: --It looks like you were fired twice. How did that make you feel? --Do you know who painted this work of art? --What is the best-managed company in America? --If you could be any product in the world, what would you choose? --How many cigars are smoked in a year? --Are you a better visionary or implementer? Why? Leaning on her own years of experience and the experiences of more than

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5,000 recent candidates, Vicky Oliver shows you how to finesse your way onto a company's payroll.

"Everything I always wanted to know about job interviews but was afraid to be asked." -Claude Chene, Senior Vice President, Head of Business Development, U.K. and Europe, Sanford Bernstein & Co.

### **Design Patterns**

In this book, world-renowned ASP.NET expert and member of the Microsoft ASP.NET team Stephen Walther shows experienced developers how to use Microsoft's new ASP.NET MVC Framework to build web applications that are more powerful, flexible, testable, manageable, scalable, and extensible. Writing for professional programmers, Walther explains the crucial concepts that make the Model-View-Controller (MVC) development paradigm work so well and shows exactly how to apply them with the ASP.NET MVC Framework. From controllers and actions to views and models, Walther demonstrates how to apply each ASP.NET MVC Framework feature in real-world projects. In Part II, you'll walk step-by-step through building a full-fledged ASP.NET MVC blog application that implements capabilities ranging from data access to validation. Through this case study, you'll learn how to build ASP.NET MVC applications using test-driven development processes that enable rapid feedback, greater productivity, and better quality. Throughout, Walther presents extensive code examples, reflecting his unsurpassed experience as an ASP.NET instructor, a leading commercial

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developer, and now as a member of Microsoft's ASP.NET development team. Understand how to: Build enterprise-scale web applications far more rapidly and effectively Develop web applications that are easier to maintain and extend over time Gain unprecedented control over the appearance of your website or application Expose intuitive URLs that are friendlier to search engines and users alike Create ASP.NET MVC models that contain all your application's business, validation, and data access logic Make the most of HTML helpers, model binders, action filters, routing, and authentication Efficiently deploy your ASP.NET MVC applications Use the lightweight JQuery JavaScript library to easily find and manipulate HTML elements Create ASP.NET MVC applications using unit test and mock object framework

### **Programming With World Wide Web, 4/E**

Let us break the SQL interview with the help of SQL Server interview questions. DESCRIPTION This book gives you a complete idea about the SQL database. It starts from a very basic concept like what is a database, its usage, types, creation, and data storage, security, sorting, and searching for a stored procedure. This book is a complete set of interview breaking questions and answers with live examples and plenty of screenshots. This book takes you on a journey to mastering the SQL database, including SQL datatypes, functions, triggers, and stored procedures. This book also covers the latest and new features of SQL 2016, 2017 and 2019 CTP with examples. In the

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beginner section, we start with very basic concepts like what is a database, why to use a database, different types of database types, what is SQL, its usages, advantage and disadvantages, SQL datatypes, its different operators and how to use them with samples. In the intermediate section, we will learn about the different SQL functions, SQL Joins (used to fetch values from multiple SQL tables) and SQL DDL, DCL, and DTL commands. (About the last chapters) This is the advanced section of the book where we have provided an explanation of the SQL stored procedure, triggers and SQL view concepts, additionally, we have covered SQL core concepts like keys, indexes, injections and constraints. We have also introduced cutting-edge concepts like SSRS, SSIS, SQL Cloud database (Azure), JSON Support and a list of the new features of SQL 2016, 2017, CTP-2019 with SQL performance improvement tips. Finally, we have ended the book with a series of random SQL questions and answers.

**KEY FEATURES**

- Database Basic Concepts
- SQL Fundamentals
- DDMS, SQL Statements, and Clauses
- SQL Operators, Datatypes, and Keywords
- SQL Functions, Wildcards and Dates
- SQL Joins and CASE Statement
- SQL DDL, DCL, and DTL Statements
- SQL Stored procedures, Triggers, Views, and Transactions
- SQL Keys, Indexes, Injection, and Constraints
- SSRS, SSIS, SQL Cloud database (Azure), and JSON Support
- New features of SQL 2016, 2017, and 2019
- SQL Performance Improvement Tips
- Fuzzy Interview Questions and Answers

**WHAT WILL YOU LEARN**

After reading this book, you will be able to understand SQL database concepts, handle core database activities like data security, searching, migration, and sorting. You will be able to handle the

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database transactions, use different SQL datatypes, functions, triggers, and stored procedures to save and retrieve data from the database. You will also be able to understand advanced SQL concepts like SQL reporting services, integration services, cloud database and new features from the latest SQL versions like 2016, 2017, and 2019. WHO THIS BOOK IS FOR This book is built in such a way that it is useful for all categories such as technical or non-technical readers. This book is perfect. If you are a fresher and you want to learn about SQL, or if you are a teacher and you want to spread SQL knowledge, this book is very helpful. If you want to crack the database interview or if you are working as a DBA and you want to upgrade your knowledge, or if you are backend developer, database tester, performance optimizer, or if your role is that of a database admin, SQL developer, data analyst, mobile app developer or if you are working on core SQL concepts, this book is just right for you. This book is very useful as it contains many simple real-time scenarios for each concept. All functionalities are explained with real SQL screenshots and database records. Table of Contents

1. Database and SQL Basics
2. DDMS SQL Statements and Clauses
3. SQL Operators, Keywords, and Datatypes
4. SQL Operators
5. SQL Functions, Wildcards, and Dates
6. SQL Joins and CASE Statement
7. SQL DDL, DCL, and DTL Statements
8. SQL Stored Procedures, Triggers, Views, and Transactions
9. SQL Keys, Indexes, Injections, and Constraints
10. SSRS, SSIS, SQL Cloud database (Azure), and JSON Support
11. New features of SQL 2016, 2017, and 2019
12. SQL Performance Improvement Tips and Fuzzy Interview Questions

## **Hands-On Parallel Programming with C# 8 and .NET Core 3**

Get a thorough introduction to ADO.NET Entity Framework 4 -- Microsoft's core framework for modeling and interacting with data in .NET applications. The second edition of this acclaimed guide provides a hands-on tour of the framework latest version in Visual Studio 2010 and .NET Framework 4. Not only will you learn how to use EF4 in a variety of applications, you'll also gain a deep understanding of its architecture and APIs. Written by Julia Lerman, the leading independent authority on the framework, *Programming Entity Framework* covers it all -- from the Entity Data Model and Object Services to WCF Services, MVC Apps, and unit testing. This book highlights important changes for experienced developers familiar with the earlier version. Understand the core concepts you need to make the best use of the EF4 in your applications Learn to query your data, using either LINQ to Entities or Entity SQL Create Windows Forms, WPF, ASP.NET Web Forms, and ASP.NET MVC applications Build and consume WCF Services, WCF Data Services, and WCF RIA Services Use Object Services to work directly with your entity objects Create persistent ignorant entities, repositories, and write unit tests Delve into model customization, relationship management, change tracking, data concurrency, and more Get scores of reusable examples -- written in C# (with notes on Visual Basic syntax) -- that you can implement right away

## **Professional ASP.NET MVC 1.0**

Capturing a wealth of experience about the design of object-oriented software, four top-notch designers present a catalog of simple and succinct solutions to commonly occurring design problems. Previously undocumented, these 23 patterns allow designers to create more flexible, elegant, and ultimately reusable designs without having to rediscover the design solutions themselves. The authors begin by describing what patterns are and how they can help you design object-oriented software. They then go on to systematically name, explain, evaluate, and catalog recurring designs in object-oriented systems. With Design Patterns as your guide, you will learn how these important patterns fit into the software development process, and how you can leverage them to solve your own design problems most efficiently. Each pattern describes the circumstances in which it is applicable, when it can be applied in view of other design constraints, and the consequences and trade-offs of using the pattern within a larger design. All patterns are compiled from real systems and are based on real-world examples. Each pattern also includes code that demonstrates how it may be implemented in object-oriented programming languages like C++ or Smalltalk.

## **Net Interview Questions**

Angular 5 and .NET Core 2 updates for this book are now available. Follow the Download Source Code link for this book on the Apress website. Discover Angular,

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the leading client-side web framework, from the point of view of an ASP.NET Core MVC developer. Best-selling author Adam Freeman brings these two key technologies together and explains how to use ASP.NET Core MVC to provide back-end services for Angular applications. This fast-paced, practical guide starts from the nuts and bolt and gives you the knowledge you need to combine Angular (from version 2.0 up) and ASP.NET Core MVC in your projects. What You'll Learn Gain a solid understanding of how ASP.NET Core MVC and Angular can work together Use Visual Studio 2017 to develop Angular/ASP.NET Core MVC projects Create ASP.NET Core RESTful web services to support Angular applications Expose data from Entity Framework Core to Angular applications Use ASP.NET Core Identity to provide security services to Angular applications Each topic is covered clearly and concisely and is packed with the essential details you need to learn to be truly effective. Who This Book Is For This book is for developers with a knowledge of ASP.NET Core MVC who are introducing Angular into their projects.

### **Programming ASP.NET Core, Programming ASP.NET Core**

ASP.NET Core is a re-imagining of the .NET Framework that frees developers from Visual Studio and Windows. ASP.NET Core in Action is for C# developers without any web development experience who want to get started and productive using ASP.NET Core to build web applications. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub

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formats from Manning Publications.

## **Angular Interview Questions and Answers**

The .NET framework is a very popular software development framework from Microsoft. Because of its in built wealth of tools, technologies, and languages support that it is heavily used by developers around the world to develop web applications as well as robust enterprise applications. The goal of the book, ".NET Interview Questions & Answers" is to provide quick answers to the questions that a developer frequently comes across. If you are a developer, educator, professional or a beginner that want to find answers to the questions that you usually come across during developing web applications, teaching, learning, in Interviews, Viva test etc, then this book is for you. The book provides the answers to the questions divided into five categories: Must Know Questions - Includes answers to the general questions that a web developer is expected to know, like answers related to Active X control, MVC pattern, GET and POST methods, Script Injection Attacks, FTP, DNS, hosting a web site, XML, XSL, DLL, WCF and so on. General .NET Questions - Includes answers to basic .NET questions. Like, structure of .NET framework, CLR, ASP, ASP.NET, IIS, virtual directory and much more. Advanced .NET Questions - Includes answers to advanced .NET questions. Like, Cookies, Session tracking, data transfer, CSS styles, Themes, Skins, Master pages, web.config, machine.config file, Forms, Windows and

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Passport authentication and much more Database Related Questions - Includes answers to the Database related questions like, ADO.NET, connection pooling, connection string, serialization, savepoint, rollback, grouping, aggregation, LINQ, BLOB etc. Questions Related to ASP.NET Controls - Includes answers to the questions related to ASP.NET controls like, AdRotator, Validation controls, SiteMap, ImageMap, GridView control and much more About the Author B.M. Harwani is founder and owner of Microchip Computer Education (MCE), based in Ajmer, India that provides computer education in all programming and web developing platforms. He graduated with a BE in computer engineering from the University of Pune, and also has a 'C' Level (master's diploma in computer technology) from DOEACC, Government Of India. Being involved in teaching field for over 16 years, he has developed the art of explaining even the most complicated topics in a straight forward and easily understandable fashion. He has written several books on various subjects that includes C, C++, Java, JSP, JSF, EJB, PHP, .Net, Joomla, jQuery, Python, and Smartphones. He also writes articles on a variety of computer subjects which can be seen on a number of websites. To know more visit his blog, <http://bmharwani.com/blog>

## **Introducing Microsoft SQL Server 2014**

Master Bootstrap 4's frontend framework and build your websites faster than ever before About This Book Become an expert in Bootstrap framework, and speed up front-end development and prototyping through

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real-life examples An applied guide exploring two web applications such as Twitter and Dashboard from scratch Hands on the Bootstrap version 4 even before the official release Who This Book Is For If you are a frontend developer with no knowledge of Bootstrap, then this book is for you. Basic knowledge of HTML, CSS, and JavaScript is expected, as well as a reasonable understanding of web frameworks, such as jQuery. What You Will Learn Discover how to use Bootstrap's components and elements, and to customize them for your own projects Understand the framework's usage in the best way with the recommended development patterns Create web pages for any kind of device like tablet, mobile, computer, etc. Construct a Twitter app by exploring the advanced bootstrap components like Breadcrumbs, Pagination, Media objects, and so on Combine the power of JavaScript with your Bootstrap app for more functionality Create a Dashboard web app using Bootstrap's JavaScript plugins Learn the difference between Bootstrap's version 3 and 4 of the framework Extend your knowledge on Bootstrap's external plugins, their incorporation and usage In Detail Bootstrap is a free, open source collection of tools that helps developers create websites or web applications. It provides a faster, easier, and less repetitive solution to designing and building applications. Before Bootstrap's release, it was necessary to import a variety of libraries into your project that offered different components and features for web interface development. Plus with the increased popularity of smartphones there were lack of libraries that could handle the responsiveness of a web page. Bootstrap's existence let it quickly become

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famous as a front-end framework that offered a wide set of tools from page grid up to components that render a web page in the best possible way for any device. This book will be a tutorial covering various examples as well as step-by-step methodology to create interesting web applications using Bootstrap and to understand the front-end framework to its core. We begin with an introduction to the Bootstrap framework and setting up an environment to build a simple web page. We then cover the grid system, basic Bootstrap components, HTML elements, and customization components for responsive and mobile first development. This is presented by creating a beautiful Landing page sample. You will also learn how to create a web application like Twitter by using the full set of components offered in the framework. Finally, you will learn to create a dashboard web app, using Bootstrap to its finest potential including component customizations, event handling, and external library integration. All these examples are explained step-by-step and in depth, while covering the versions 3 and the most recent version 4 of Bootstrap. So, you will be in the state of the art for front-end development. By the end of this book, you will be familiar with the development of a plugin for the framework and Bootstrap's world which is popular for fast paced front-end web development, used in countless projects all over the world, and now yours. Style and approach This is a step-by-step guide that closely focuses on developing web applications in most objective way solving real-life problems with Bootstrap. It covers two sample web applications, which are explained in detail.

## **Programming Entity Framework**

Prepare for Microsoft Exam 70-486—and help demonstrate your real-world mastery of developing ASP.NET MVC-based solutions. Designed for experienced developers ready to advance their status, Exam Ref focuses on the critical-thinking and decision-making acumen needed for success at the Microsoft Specialist level. Focus on the expertise measured by these objectives: Design the application architecture Design the user experience Develop the user experience Troubleshoot and debug web applications Design and implement security This Microsoft Exam Ref: Organizes its coverage by exam objectives. Features strategic, what-if scenarios to challenge you.

## **Rockin the C# Interview**

Describes ways to incorporate domain modeling into software development.

## **Pro Client Development for ASP.NET Core MVC Developers**

In any interview, the interviewer concentrates on your extend of knowledge in the subject, and accesses the level in which you can contribute to a company s development. Even with effective training and references, sometimes, the questions put across during an interview might put you in a fix. Take for instance, .NET. How good is your exposure in .NET for facing such an interview? Not sure? Calma giù! This

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book, .NET Interview Questions, is prepared just to crack such interviews. Highly recommended for beginners, students, and professionals, this book covers the unknown or hidden areas of .NET implementation, starting from the basic to the advanced level from .NET Framework to OOPS to remoting to web services, i.e. VB.NET, C#.NET, and ASP.NET; from ADO.NET to XML, XSL, and XSLT; from Remoting, which forms the basis for advanced BizTalk, to SharePoint; from smart devices to Web Services and .NET Framework 3.0 that discusses WPF, WF, WCF, and WCS foundations, and much more. this book is prepared just to rack difficult interviews, highly recommended for beginners, students and professionals. The book covers unknown and hidden areas of .NET implementation.

### **The C# Interviewers Master Cheat Sheet**

Description: The best way to learn MVC is by doing a project and this book does the same. A complete MVC project is created from scratch with all best practices implemented. professional projects are not created by just using ASP.NET MVC you need other ingredients like HRML, JavaScript, JQuery, JSON, WebAPI so on. This book has covered all the necessary supporting technologies while making MVC project. Gone are those days of using ADO.NET to connect to database. In professional project developers use ORM technologies like Entity Framework. This book uses EF whenever there is a need of database communication. With the book we have provided DVD which has MVC video tutorials which will help you to

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kick start MVC with great speed. After every lab we have discussed important questions around the lab this will make you prepared for ASP.NET MVC interviews.

### **SQL Interview Questions**

This book begins with you working along as Scott Guthrie builds a complete ASP.NET MVC reference application. He begins NerdDinner by using the File->New Project menu command within Visual Studio to create a new ASP.NET MVC Application. You'll then incrementally add functionality and features. Along the way you'll cover how to create a database, build a model layer with business rule validations, implement listing/details data browsing, provide CRUD (Create, Update, Delete) data form entry support, implement efficient data paging, reuse UI using master pages and partials, secure the application using authentication and authorization, use AJAX to deliver dynamic updates and interactive map support, and implement automated unit testing. From there, the bulk of the rest of the book begins with the basic concepts around the model view controller pattern, including the little history and the state of the MVC on the web today. We'll then go into the ways that MVC is different from ASP.NET Web Forms. We'll explore the structure of a standard MVC application and see what you get out of the box. Next we dig deep into routing and see the role URLs play in your application. We'll deep dive into controllers and views and see what role the Ajax plays in your applications. The last third of the book focuses

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entirely on advanced techniques and extending the framework. In some places, we assume that you're somewhat familiar with ASP.NET WebForms, at least peripherally. There are a lot of ASP.NET WebForms developers out there who are interested in ASP.NET MVC so there are a number of places in this book where we contrast the two technologies. Even if you're not already an ASP.NET developer, you might still find these sections interesting for context, as well as for your own edification as ASP.NET MVC may not be the web technology that you're looking for.

### **. NET Interview Q&a**

This book covers useful Interview Questions and Answers on ASP.NET MVC. This book is appropriate for novice as well as for senior level professionals who wants to strengthen their skills before appearing for an interview on ASP.NET MVC. This book is equally helpful to sharpen their programming skills and understanding ASP.NET MVC in a short time. This book is not only the ASP.NET MVC interview book but it is more than that. This book helps you to get the depth knowledge of ASP.NET MVC with a simple and elegant way. I hope you will enjoy this book and find it useful. At the same time I also encourage you to become a continue reader of the blog [www.dotnet-tricks.com](http://www.dotnet-tricks.com) and be the part of the discussion. But most importantly practice a lot and enjoy the technology. That's what it's all about.

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