

Programming Asp Net Building Web Applications And Services With Asp Net 2 0

Go from beginner to pro using one of the most effective and widely used technology stacks, Microsoft ASP.NET. Beginning with the basics, you will learn how to create interactive, professional-grade, database-driven web applications in no time, using ASP.NET, C#, SQL, Ajax, and JavaScript. Essential ASP.NET Web Forms Development is divided into six learning modules and will take you from soup to nuts with ASP.NET. Part I is an introduction to the major concepts, methodologies, and technologies associated with .NET web application development. You will learn about the client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment. Part II teaches you how to develop a single-page .NET web application and add server and data validation controls, laying the foundation for learning languages in the context of an ASP.NET web application. Part III is all about C# operations and shows you how to perform assignment operations, conversion operations, control operations, string operations, arithmetic operations, date and time operations, array operations, collection operations, and file system operations, as well as create custom C# classes in the context of a .NET web application. In Part IV, you dive into a multiple-page .NET web application and learn how to maintain state between pages and create master pages, themes, and navigation controls. Part V shows you how to connect a .NET web application to a SQL Server database. You will learn to read a database schema, program in the SQL language, utilize data binding, perform single- and multiple-row database table maintenance, and write code behind database operations. And finally, Part VI teaches you how to enhance the interactivity of a .NET web application. You will learn how to generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language. What You Will Learn Delve into the basics of the client-server model, the .NET Framework, the ASP.NET and C# programming languages, and the Visual Studio integrated development environment Create a page and add server and data validation controls Develop basic programming skills in the C# language Maintain state between pages and create master pages, themes, and navigation controls Read a database schema, program in the SQL language, utilize data binding, perform single- and multiple-row database table maintenance, and write code behind database operations Generate email messages, make use of basic Ajax controls and the Ajax Control Toolkit, and program in the JavaScript language Who This Book Is For Anyone who wants to learn how to build ASP.NET web applications. Basic computer skills and the use of a database management system are recommended. Instructor materials and examples are available. 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.

This complete, comprehensive reference is for both experienced Perl programmers and beginners. The book includes all the basic documentation for the core Perl languages.

O'Reilly has once again updated its bestselling tutorial on ASP.NET, the world's leading web development tool from Microsoft. In Programming ASP.NET, Third Edition, authors Jesse Liberty and Dan Hurwitz give you the lowdown on the technology's latest version, ASP.NET 2.0, as well as Visual Studio 2005. Among the most significant improvements to ASP.NET 2.0 are new server controls and services that make you dramatically more productive. In fact, when compared to its predecessor, ASP.NET 2.0 reduces the amount of code you have to write by about 75%. Creating interactive web applications has never been easier-but that still doesn't mean it's hassle-free! The difficulty in ASP.NET 2.0 is that it's so complete and flexible that there are many pieces that must be woven together to build a robust, scalable, and efficient application. Fortunately, Programming ASP.NET, Third Edition is on the case, dispensing all the information you need to be effective with this dynamic tool. For starters, the book features a comprehensive tutorial on Web Forms, the user interface that gives web applications their look and feel. It then offers detailed explanations of all new controls, including web server controls, HTML controls, and custom controls. Used properly, these controls are able to take care of nearly all the foundation work—security, data access, layout, etc.—that you would normally have to write yourself. Free of these burdensome tasks, you can instead focus on your specific application. Other new material found in this updated edition even shows you how to create ASP.NET 2.0 pages for mobile devices. With Programming ASP.NET, Third Edition at your side, there's virtually no end to the programming possibilities.

Programming ASP.NET

ASP.NET MVC 1.0 Website Programming

Beginning ASP.NET 3.5

Programming .NET Web Services

Programming ASP.NET AJAX

Developing Real-World Web Applications with ASP.NET MVC

Hit the ground running with this book to quickly learn the fundamentals of HTML form processing, user authentication, and database CRUD (Create, Read, Update, and Delete) operations using the ASP.NET Core family of technologies. You will utilize cutting-edge and popular technology options from both the server side and client side to help you achieve your web application goals as quickly as possible. Developers who want to learn ASP.NET Core and complementary technologies are

often overwhelmed by the large number of options involved in building modern web applications. This book introduces you to the most popular options so that you can confidently begin working on projects in no time. You will learn by example, building a sample application that demonstrates how the same application can be built using different options. This experiential approach will give you the basic skills and knowledge to understand how the options work together so that you can make an informed decision about the available choices, their trade-offs, and code level comparison. After reading this book, you will be able to choose your selected learning path. What You Will Learn Develop data entry forms in ASP.NET Core, complete with validations and processing Perform CRUD operations using server-side options: ASP.NET Core MVC, Razor Pages, Web APIs, and Blazor Perform CRUD operations using client-side options: jQuery and Angular Secure web applications using ASP.NET Core Identity, cookie authentication, and JWT authentication Use RDBMS and NoSQL data stores: SQL Server, Azure SQL Database, Azure Cosmos DB, and MongoDB for CRUD operations Deploy ASP.NET Core web applications to IIS and Azure App Service Who This Book Is For Developers who possess a basic understanding of ASP.NET and how web applications work. Some experience with Visual Studio 2017 or higher, C#, and JavaScript is helpful. What is this book about? The C# edition of ASP.NET Website Programming Problem-Design-Solution has been phenomenally successful, gaining rave reviews for its unique approach and valuable content. The blend of theory and practice. Now, due to demand from readers, a Visual Basic .NET edition of the book has been produced. This edition will offer the same blend of theory and practice that won so many fans for the C# edition. The book has been completely re-edited to ensure that it address the needs of ASP.net developers who use VB.net. ASP.NET Website Programming shows you how to build an interactive website from design to deployment. Packed with solutions to website programming problems, this book will have you building well-engineered, extendable ASP.net websites quickly and easily. What does this book cover? In this book, you will learn how to Establish a solid, scalable website foundation Provide flexible user accounts integrating with ASP.net's built-in security Create message forums that enable formatted messages but defend against cross-site scripting Generate revenue from advertising Build a web interface for uploading, downloading, editing, and managing the files on your site Add opinion polls, email newsletters, and news management Deploy the finished site on a live server Build websites using good, n-tier coding techniques The site that you build is modular. You can slot the modules into your own Web site, modify them, or use them as examples of particular ASP.NET techniques. The code will work with Visual Basic .NET Standard. However, Chapter 11 "Deploying the Site" uses some features found only in the full Visual Studio .NET. You will still be able to deploy the site, but the process will be less automated.

Want to learn how to build ASP.NET Core 1.1 MVC Web Applications? Prerequisites: * C# (Intermediate level) * HTML5/CSS3 (Basic knowledge) This book is primarily aimed at developers who want to learn how to build ASP.NET Core 1.1 MVC Applications. You should be an intermediate level C# developer with some experience in HTML5 and CSS3. The book presupposes that you have a solid C# foundation since the language won't be explained in any detail. You will learn

*ASP.NET Core 1.1 by building two MVC applications. The first application will be built using an empty template. The goal is to get you familiar with ASP.NET Core 1.1 by adding middleware and services one piece at a time, building a basic application. Then you will build a second MVC application using a template that already contains support for MVC, Entity Framework Core, and user authentication. This application is a video course website, where users can register to gain access to video courses. If you are already familiar with MVC 5, the content in this book can get you started with ASP.NET Core 1.1 in a fast, no-fluff way. It's important to mention that this book is practical and tactical, where you will learn as you progress through the modules and build real web applications in the process. To spare you countless pages of fluff (filler material), only valuable information, pertinent to the task at hand, is discussed. The benefit is a shorter and more condensed book, which will save you time and give you a more enjoyable experience. The goal is to learn ASP.NET Core 1.1 by building two web applications, one from scratch and one from an existing template. This experience is something you can put in your CV when applying for a job or a consultant position, or when negotiating a higher salary. Technologies, frameworks and languages you will use: * ASP.NET Core 1.1 MVC (The framework that you will use) * Services (To provide you own functionality as a reusable service) * Middleware (To provide you own functionality to HTTP Request pipeline) * Entity Framework (To crate and communicate with a database) * View Component (To render data in the _Layout view with model data) * Razor syntax (To include server-side code in views) * Bootstrap (Used for styling and to create a responsive design) * LINQ (To query the database) * Dependency Injection (To inject objects into constructors) * Tag Helper (to clean up the HTML and enable re-use) * HTML Helper methods (to clean up your HTML and enable re-use) * Bower/NuGet (To install necessary front-end/back-end libraries) What you will implement: * Implement a web application from an empty template. * Implement a web application from an existing template. * Create a "real world" code-first database using Entity Framework Core. * Add and modify models, views and controllers to perform CRUD operations against the database. * Use client-side and server-side validation. * Secure the controllers, actions and view content with authorization and roles. * Styling HTML with CSS and Bootstrap. * Create a responsive website. * Register users with the site. * Manage users and their video courses. I hope you love the book! Sincerely, Jonas Fagerberg Now click the Buy button and start reading the book. With this book, web developers can build engaging and interactive sites and applications using Microsoft's latest web development tools -- ASP.NET 2.0 and the new ASP.NET AJAX framework. You learn to create applications that have all the great tricks you see on popular commercial web sites, such as order forms and the ability to interact with a database. And you can build pages that display information interactively without a page refresh. This straightforward tutorial explains how. Learning ASP.NET 2.0 with AJAX helps you master the concepts and techniques of Microsoft's tools with plenty of annotated examples, review quizzes, web construction exercises and chapter summaries, so you can practice new skills and test your understanding as you go. With it, you'll learn to: Master the fundamental skills of ASP.NET 2.0 to build professional quality web applications Integrate new Ajax tools and CSS with ASP.NET 2.0 for flashier and more interactive sites Build*

applications with minimal coding using Visual Studio or its free counterpart, Visual Web Developer Connect your site with a database so that users can retrieve, interact and save data Debug your application, deal with unexpected problems, and protect your site from malicious users Use the community-maintained ASP.NET AJAX Control Toolkit to extend the controls that come with ASP.NET AJAX Use personalization tools to give your site a customized look for each user Ideal for beginning web developers, or those who are new to ASP.NET, this book gets you involved with your own learning through hands-on lessons that are clear and to the point. You get the chance to try out new techniques on the spot. Want to join the world of modern web development? This book will get you started.

*Kick-start your ASP.NET web development journey with the help of step-by-step tutorials and examples
Fast & Easy Web Development*

With MVC, Razor Pages, Web API, jQuery, Angular, SQL Server, and NoSQL

ASP.NET Core 5 for Beginners

Problem - Design - Solution, C# Edition

Build Your Own ASP.NET 4 Web Site Using C# & VB is aimed at beginner ASP.NET developers wanting to develop their skills, web designers wanting to move into server-side programming, and experienced developers making the leap from ASP to .NET. Readers will learn: language and programming basics how to construct ASP.Net Web Pages how to build web applications to use validation controls database design and development how to use ADO.NET how to manage data and content how to integrate Ajax and jQuery the role of MVC ... all in the process of successfully developing and deploying a working intranet site for a fictional company.

With this book, you will learn how to create engaging and interactive web applications using the latest version of the world's most popular web development platform: ASP.NET with AJAX, built on the productivity-enhancing features of Visual Studio 2008. All you need to get started is a basic knowledge of HTML and a desire to produce professional quality websites. Learning ASP.NET 3.5 introduces new skills in each new chapter and offers fully annotated and fully functional examples that you can put to work immediately. Each chapter adds detailed summaries, practice questions to ensure comprehension, and exercises so you can apply what you've learned to new situations. Written by the bestselling author team of Jesse Liberty, Dan Hurwitz, and Brian MacDonald, Learning ASP.NET 3.5 offers complete, up-to-date coverage of ASP.NET 3.5 and AJAX. The book includes: Chapters that are designed as a series of tutorials on different aspects of web development Examples in each chapter that illustrate how a new

concept works. Different chapters feature either a single running example with several stages, or a series of smaller examples. A single large example in the final chapter offers that uses everything the reader has learned. VB, JavaScript, and SQL Cheat Sheet sidebars to help readers with no little or no background with those topics. AJAX-style fully integrated into ASP.NET programming -- the way it should be taught and used. If you want to get up to speed with the world's most popular web development technology, Learning ASP.NET 3.5 is the best resource for the job.

Leverage ASP.Net Web API to build professional web services and create powerful applications. About This Book Get a comprehensive analysis of the latest specification of ASP.NET Core and all the changes to the underlying platform that you need to know to make the most of the web API. See an advanced coverage of ASP.NET Core Web API to create robust models for your data, create controllers, and handle routing and security. This book is packed with key theoretical and practical concepts that can be instantly applied to build professional applications using API with Angular 4, Ionic, and React. Who This Book Is For This book is for .Net developers who wants to Master ASP.NET Core (Web API) and have played around with previous ASP.NET Web API a little, but don't have in-depth knowledge of it. You need to know Visual Studio and C#, and have some HTML, CSS, and JavaScript knowledge. What You Will Learn Acquire conceptual and hands-on knowledge of ASP.NET Core (MVC & Web API). Learn about HTTP methods, the structure of HTTP content, internet media types, and how servers respond to HTTP requests and their associated HTTP codes. Explore middleware, filters, routing, and unit testing. Optimize Web API implementations. Develop a secure Web API interface. Deploy Web API projects to various platforms. Consume your web API in front end application based on Angular 4, Bootstrap, and Ionic. Implement and explore the current trends in service architecture. In Detail Microsoft has unified their main web development platforms. This unification will help develop web applications using various pieces of the ASP.NET platform that can be deployed on both Windows and LINUX. With ASP.NET Core (Web API), it will become easier than ever to build secure HTTP services that can be used from any client. Mastering ASP.NET Web API starts with the building blocks of the ASP.NET Core, then gradually moves on to implementing various HTTP routing strategies in the Web API. We then focus on the key components of building applications that employ the Web API, such as Kestrel, Middleware, Filters, Logging, Security, and Entity Framework. Readers will be introduced to take the TDD approach to write test cases along with the new Visual Studio 2017 live unit testing feature. They will also be introduced to

integrate with the database using ORMs. Finally, we explore how the Web API can be consumed in a browser as well as by mobile applications by utilizing Angular 4, Ionic and ReactJS. By the end of this book, you will be able to apply best practices to develop complex Web API, consume them in frontend applications and deploy these applications to a modern hosting infrastructure. Style and approach Using a hands-on approach, we cover both the conceptual as well as the technical aspects of the ASP.NET Core (Web API) framework.

Uses the popular Problem;Design;Solution format to help readers, especially those who know how to code specific ASP.NET features, learn to "put it all together" into a complete Web application Emphasizes n-tier ASP.NET Web application architectural design, something intermediate and advanced ASP.NET developers need and can't find anywhere else Current edition is the most popular and discussed book in the p2p.wrox.com reader discussion forums Covers registration and membership system, user-selectable themes, content management systems, polls, mailing lists, forums, e-commerce stores, shopping carts, order management with real-time credit-card processing, localization, and other site features Developers also learn to handle master pages, themes, profiles, Web parts, server-side UI controls, compilation, deployment, instrumentation, error handling and logging, data access with ADO.NET and LINQ, ASP.NET AJAX, and much more

Using C# & VB

Programming ASP.NET MVC 4

Problem - Design - Solution

Learning ASP.NET 3.5

Asp.net Core 1.1 for Beginners

HTTP Web Services in ASP.NET

Discusses how to use ASP in the .NET framework, events, controls, control details, Web forms, tracing and debugging, validation, data binding, ADO, Web services, and security.

Delivering rich, Web 2.0-style experiences has never been easier. This book gives you a complete hands-on introduction to Microsoft ASP.NET AJAX 1.0, the new framework that offers many of the same benefits for Ajax development that ASP.NET provides for server-side development. With Programming ASP.NET AJAX, you'll learn how to create professional, dynamic web pages with Ajax in no time. Loaded with code and examples that demonstrate key aspects of the framework, this

book is ideal not only for ASP.NET developers who want to take their applications a step further with Ajax, but for any web developers interested in ASP.NET AJAX, no matter what technology they use currently. That includes JavaScript programmers who would like to avoid the headaches of writing cross-browser code. Programming ASP.NET AJAX offers you: A high-level overview of the ASP.NET AJAX framework Functional code that you can cut and paste for use in your own applications The essentials of JavaScript and Ajax to help you understand individual technologies used by the framework An organization that reflects the framework's packages, including Extensions, Control Toolkit, the Futures CTP, and the AJAX Library Sidebars throughout the book that identify and propose solutions to potential security breaches Ways to use the standards-based AJAX Library with other platforms, such as PHP A complete chapter on the UpdatePanel control for making individual parts of a web page independently updateable -- one of the framework's most important elements Released previously as Programming Atlas to cover the beta version of the Microsoft framework, this edition is fully up-to-date and expanded for the official 1.0 release of ASP.NET AJAX. Written by Christian Wenz -- Microsoft MVP for ASP/ASP.NET and AJAX Control Toolkit Contributor -- Programming ASP.NET AJAX contains many hard-to-find details, along with a few unofficial ways to accomplish things.

* Pro ASP.NET 2.0 Website Programming shows how to provide users and customers with ASP.NET 2.0 websites that are easy-to-use, perform well, and secure. * This book clearly explains how to handle all of the common website tasks effortlessly: including logging in, displaying important customer information, querying data, reporting. and security. * With this book, readers will learn ASP.NET 2.0 and how to apply it to solve real business problems.

HTML5 Programming for ASP.NET Developers teaches you to harness the power and flexibility of HTML5 in your ASP.NET Web Forms and ASP.NET MVC applications. Focusing on the programmable features of HTML5 that will be most useful to you as an ASP.NET developer, this book will take you straight to the heart of what you can get out of this new technology. HTML5 is an emerging web standard that has received a great deal of attention from browser companies and the developer community, encompassing HTML, JavaScript enhancements and CSS3 specifications. But HTML5 isn't just about markup. A major part of HTML5 is its programmable features and APIs, which make up the core of this book. HTML5 Programming for ASP.NET Developers will show you how to: Add interactivity and media to your sites using the Canvas and Audio and Video APIs. Make your web applications work offline, understand client side storage options using web storage,

and work with local files using the File API. Use the Communication API and Web Sockets for easier communication between server and client. Other topics include multithreading with Web Workers, understanding the new input types, using Geolocation, and enhancing your web forms and views with CSS3. All major browsers already support HTML5 to varying degrees and are aggressively working to provide full-fledged standardized support. Start using HTML5 in your projects today, and build future-ready web applications that take advantage of the exciting features that HTML5 has to offer.

Beginning ASP.NET 4.5 in C#

HTML5 Programming for ASP.NET Developers

Learning ASP.NET Core MVC Programming

How to Build a Mvc Website

ASP.NET 3.5 Website Programming

A Practical Hands-on Guide

Don't spend your time wading through manuals to learn ASP.NET. Spend it doing what you do best--creating Web pages! Begin with an introduction to the .NET initiative, and then work your way through the concepts of ASP.NET, Visual Basic.NET, and ADO.NET. Combining easy-to-understand instructions with visual examples, this book offers a unique, hands-on approach to ASP.NET..

This is the complete hands-on guide to mastering the art of Content Management Systems (CMS) and Web site development using the .NET Framework.

ASP.Net has made the building of real world Web applications dramatically easier, by allowing great web pages to be built with far less code than the classic ASP program. David Mercer's: Programming The Web Using ASP.NET has been tailored for instructors at either a 2 year or 4 year institutions, who are teaching a full term course on ASP.NET. This textbook has been written by an expert in the field with the sole purpose of being used as a textbook not a trade book. The depth of coverage in this textbook provides tomorrow's web programmers the background they need to be marketable as web developers.

With Programming ASP.NET 3.5, you'll quickly learn to create state-of-the-art applications using Microsoft's popular web development technology and Visual Studio 2008. This updated bestseller provides comprehensive and easy-to-understand information to help you use several .NET 3.5 technologies for faster development and better web application performance-including ASP.NET AJAX for interactive user interfaces, LINQ for data access, and Windows Communication Foundation (WCF) for web services. Programming ASP.NET 3.5 includes examples and sample code that let you explore development with ASP.NET in more depth. With this book, you will: Learn

about AJAX and ASP.NET server controls included with Visual Studio 2008 Discover how to use the DataSource and data-bound controls in ADO.NET Use the new LINQ API and learn how to make use of it within ASP.NET pages Create a uniform look and feel throughout your application with Master Pages Use navigation controls to build site maps, menus, and breadcrumbs quickly and easily Build and use various web services with WCF Detect errors during development and handle them in your production code Learn how to configure and deploy your website Written by Microsoft technology experts Jesse Liberty, Dan Hurwitz, and Dan Maharry, Programming ASP.NET 3.5 is the best book for learning how to build dynamic, interactive web applications using Microsoft's latest technologies.

Murach's ASP.NET Core MVC

Mastering ASP.NET Web API

Building Web Applications

Harnessing the Power of the Web

Programming the Web Using ASP.Net with Student CD

Problem - Design - Solution, Visual Basic .NET Edition

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 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.

Learn how to build web applications efficiently using ASP.NET Core 5 with the C# programming language and related frameworks Key FeaturesBuild web apps and services and cross-platform applications using .NET and C#Understand different web programming concepts with the help of real-world examplesExplore the new features and APIs in ASP.NET Core 5, EF Core, Visual Studio, and BlazorBook Description ASP.NET Core 5 for Beginners is a comprehensive introduction for those who are new to the framework. This condensed

guide takes a practical and engaging approach to cover everything that you need to know to start using ASP.NET Core for building cloud-ready, modern web applications. The book starts with a brief introduction to the ASP.NET Core framework and highlights the new features in its latest release, ASP.NET Core 5. It then covers the improvements in cross-platform support, the view engines that will help you to understand web development, and the new frontend technologies available with Blazor for building interactive web UIs. As you advance, you'll learn the fundamentals of the different frameworks and capabilities that ship with ASP.NET Core. You'll also get to grips with securing web apps with identity implementation, unit testing, and the latest in containers and cloud-native to deploy them to AWS and Microsoft Azure. Throughout the book, you'll find clear and concise code samples that illustrate each concept along with the strategies and techniques that will help to develop scalable and robust web apps. By the end of this book, you'll have learned how to leverage ASP.NET Core 5 to build and deploy dynamic websites and services in a variety of real-world scenarios. What you will learn

Explore the new features and APIs introduced in ASP.NET Core 5 and Blazor

Put basic ASP.NET Core 5 concepts into practice with the help of clear and simple samples

Work with Entity Framework Core and its different workflows to implement your application's data access

Discover the different web frameworks that ASP.NET Core 5 offers for building web apps

Get to grips with the basics of building RESTful web APIs to work with real data

Deploy your web apps in AWS, Azure, and Docker containers

Work with SignalR to add real-time notifications to your app

Who this book is for This book is for developers who want to learn how to develop web-based applications using the ASP.NET Core framework. Familiarity with the C# language and a basic understanding of HTML and CSS is required to get the most out of this book.

Programming ASP.NET MVC 4 Developing Real-World Web Applications with ASP.NET MVC "O'Reilly Media, Inc."

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Through four complete sprints, this book takes you through every step needed to build brand new cross-

platform web apps with ASP.NET Core, and make them available on the Internet. You won't just master Microsoft's revolutionary open source ASP.NET Core technology: you'll learn how to integrate the immense power of MVC, Docker, Azure Web Apps, Visual Studio and Visual Studio Code, C#, JavaScript, TypeScript, and Entity Framework. Working through the authors' carefully designed sprints, you'll start with a blank canvas, move through software architecture and design, adjusting to user feedback, recovering from mistakes, builds, testing, deployment, maintenance, refactoring, and more. Along the way, you'll learn techniques for delivering state-of-the-art software to users more rapidly and repeatably than ever before.

Programming Microsoft ASP.NET 4

Pro ASP.NET 2.0 Website Programming

*ASP.NET and VB.NET Web Programming
in C# and VB*

Learning ASP.NET 2.0 with AJAX

ASP.NET Core in Action

The definitive programming guide to ASP.NET, by popular author and Microsoft MVP Imar Spaanjaars Updated for ASP.NET 4, this introductory book retains its helpful examples and step-by-step format from the previous version and keeps the style of offering code examples written in both C# and Visual Basic. Beloved author and Microsoft ASP.NET MVP walks you through ASP.NET, Microsoft's technology for building dynamically generated Web pages from database content. You'll discover many improvements that ASP.NET 4 offers over the previous version, such as the ASP.NET MVC framework, Ajax improvements, jQuery support, and more. You'll gradually build a Web site example that takes you through the processes of building basic ASP.NET Web pages, adding features with pre-built server controls, designing consistent pages, displaying data, and more. Popular author and Microsoft ASP.NET MVP Imar Spaanjaars updates you on the latest updates to ASP.NET 4, Microsoft's technology for building dynamic Web pages from database content Shows you how the 4 version differs from ASP.NET 3.5 and reviews its new features, including the ASP.NET MVC framework, various Ajax improvements, jQuery support, and more Spaanjaars's distinct writing style puts you at ease with learning ASP.NET 4.

Pro ASP.NET Web API shows you how to build flexible, extensible web services that run seamlessly on a range of operating systems and devices, from desktops to tablets to smart phones—even the ones we don't know

today. ASP.NET Web API is a new framework designed to simplify web service architecture. So if you're tired of interoperability issues between inflexible web services and clients tied to specific platforms or programming languages, or if you've ever struggled with WCF, this book is for you. To start with, you'll get up to speed on Web API's modern HTTP programming model, REST and your hosting options. You'll then dive into building a real application over a series of three chapters, so you can get an immediate feel for how this technology works in practice. The second half of the book features dedicated chapters on topics like routing, controllers, validation and tracing, and the authors close with discussions on performance, hosting and an all-important look at unit testing to help you prepare your application for the real world. ASP.NET Web API makes HTTP a first-class citizen of .NET. With Pro ASP.NET Web API, you can build HTTP-based web services for your company or business, expose your data to the world across different formats and devices and gain the best possible global reach for your application.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Summary Fully updated to ASP.NET 5.0, ASP.NET Core in Action, Second Edition is a hands-on primer to building cross-platform web applications with your C# and .NET skills. Even if you've never worked with ASP.NET you'll start creating productive cross-platform web apps fast. And don't worry about late-breaking changes to ASP.NET Core. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the technology Build full-stack web applications that run anywhere. Developers love ASP.NET Core for its libraries and pre-built components that maximize productivity. Version 5.0 offers new features for server-side apps, as well as background services for cross-platform development. About the book ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web applications with ASP.NET Core 5.0. Go from basic HTTP concepts to advanced framework customization. Illustrations and annotated code make learning visual and easy. Master logins, dependency injection, security, and more. This updated edition covers the latest features, including Razor Pages and the new hosting paradigm. What's inside Developing apps for Windows and non-Windows servers Configuring applications Building custom components Logging, testing, and security About the reader For intermediate C# developers. About the author Andrew Lock is a Microsoft MVP who has worked with ASP.NET Core since before its first release. Table of Contents PART 1 - GETTING STARTED WITH ASP.NET CORE 1 Getting started with ASP.NET Core 2 Your first application 3 Handling requests with the middleware pipeline 4 Creating a website with Razor Pages 5 Mapping URLs to Razor Pages using routing 6 The

binding model: Retrieving and validating user input 7 Rendering HTML using Razor views 8 Building forms with Tag Helpers 9 Creating a Web API for mobile and client applications using MVC PART 2 - BUILDING COMPLETE APPLICATIONS 10 Service configuration with dependency injection 11 Configuring an ASP.NET Core application 12 Saving data with Entity Framework Core 13 The MVC and Razor Pages filter pipeline 14 Authentication: Adding users to your application with Identity 15 Authorization: Securing your application 16 Publishing and deploying your application PART 3 - EXTENDING YOUR APPLICATIONS 17 Monitoring and troubleshooting errors with logging 18 Improving your application's security 19 Building custom components 20 Building custom MVC and Razor Pages components 21 Calling remote APIs with IHttpConnectionFactory 22 Building background tasks and services 23 Testing your application

Learn the fundamentals of ASP.NET MVC and build real-world web applications using ASP.NET Core MVC About This Book Get a first-principles coverage of ASP.NET MVC and the latest release, Core This book is uniquely designed for developers who are looking to transition their skills into the .NET development field The standalone chapter structure leaves you free to explore ASP.NET MVC to immediately solve your pain points Who This Book Is For This book is for developers who want to learn to build web applications using ASP.NET Core, developers who want to make a career building web applications using Microsoft technology, and developers who are working in Ruby on Rails or other web frameworks and want to learn ASP.NET Core MVC. No knowledge of the ASP.NET platform or the .NET platform is required. Even though you do not need to have experience in C#, an understanding of the basic constructs (loops, conditionals, classes, and objects) of any modern programming language would be helpful. What You Will Learn Get to know the concepts of ASP.NET MVC and build a new static web page using HTML, CSS, and jQuery Set up a development environment and run a sample application using the template Create a Controller with action methods Build a view using several features of the Razor View engine Construct a Model for ASP.NET Core MVC application Devise a custom mechanism to provide maximum flexibility to your application through routing Validate the user input on the client side using jQuery Enhance your applications using Bootstrap Explore new configuration and deployment scenarios—step by step guide to deploying ASP.NET Core web application in Linux In Detail ASP.NET Core MVC helps you build robust web applications using the Model-View-Controller design. This guide will help you in building applications which can be deployed on non-windows platforms such as Linux. In today's age, it is crucial that you possess the ability to separate the programming and business logic, and this is exactly what ASP.NET Core MVC application will help you achieve. This version comes with a number of improvements that enable fast, TDD-friendly development to

create sophisticated applications. You would also learn the fundamentals of Entity framework and on how to use the same in ASP.NET Core web applications. The book presents the fundamentals and philosophies of ASP.NET Core. Starting with an overview of the MVC pattern, we quickly dive into the aspects that you need to know to get started with ASP.NET. You will learn about the core architecture of model, view, and control. Integrating your application with Bootstrap, validating user input, interacting with databases, and deploying your application are some of the things that you will be able to execute with this fast-paced guide. The end of the book will test your knowledge as you build a fully working sample application using the skills you've learned throughout the book. Style and approach This book takes a first-principles approach to help you understand and implement ASP.NET MVC solutions. It is focused primarily on giving you practical skills rather than the old conventional theoretical teaching.

Beginning ASP.NET 4

Building Websites with the ASP.NET Community Starter Kit

Beginning Database Programming Using ASP.NET Core 3

Pro ASP.NET Web API

ASP.NET 2.0 Website Programming

Building Web Applications and Services with ASP.NET 2.0

Learn how to create the basic, dynamic, and advanced ASP.NET pages in C# Packed with tips, tricks, and workarounds, this book covers every aspect of developing a Web application for the enterprise using ASP.NET and C#. Written by Microsoft insiders, it shows readers how to create the basic, dynamic, and advanced ASP.NET pages in Microsoft's new C# programming language, and explains how to interact with the database using ADO.NET. The authors review how to transport and display data on the Internet or an Intranet using XML, objects, and Web services. They also explain how to implement security with authentication, integrate important e-commerce issues, and optimize the ASP.NET Web application for optimal performance. Companion Web site features complete source code samples for the applications developed and explained in the book. Microsoft Technologies .NET Platform: The next big overhaul to Microsoft's technologies that will bring enterprise distributed computing to the next level by fully integrating the Internet into the development platform. This will allow interaction between any machine, on any platform, and on any device. Visual Basic.NET: The update to this popular visual programming language will offer greater Web functionality, more sophisticated object-oriented language features, links to

Microsoft's new common runtime, and a new interface. ASP.NET: A programming framework (formerly known as Active Server Pages) for building powerful Web-based enterprise applications; can be programmed using VB.NET or C#. C#: Microsoft's new truly object-oriented programming language that builds on the strengths of C++ and the ease of Visual Basic; promises to give Sun's Java a run for its money.

Perfectly suited to the innovative Problem ? Design ? Solution approach, ASP.NET MVC is a new development model that separates code for the data, look, and business processes of a Web site. This nuts-and-bolts guide thoroughly covers creating a Web site with MVC and discusses solving the most common problems that you may encounter when creating your first application or trying to upgrade a current application. The material is based on the highly praised and widely used ?TheBeerHouse? ASP.NET Starter Kit that was developed in the bestselling ASP.NET 2.0 Website Programming: Problem?Design?Solution. Additional coverage includes registration and membership systems and user-selectable themes; content management systems for articles and photos; polls, mailing lists, and forums; e-commerce stores, shopping carts, and order management with real-time credit card processing, and more.

Completely reengineered for ASP.NET 4—this definitive guide deftly illuminates the core architecture and programming features of ASP.NET 4 in a single, pragmatic volume. Web development expert Dino Esposito provides essential, architectural-level guidance, along with the in-depth technical insights designed to take you—and your solutions—to the next level. The book covers Dynamic Data, AJAX, Microsoft Silverlight, ASP.NET MVC, Web forms, LINQ, and security strategies—and features extensive code samples in Microsoft Visual C#(R) 2010. ASP.NET 2.0 Programming: Problem Design Solution is aimed at describing, designing, and implementing a site much like the ones you're probably working on or will be soon, while taking the opportunity to introduce and explain many of the new features that the new great ASP.NET 2.0 framework offers. Difficult problems are addressed head-on so you'll be ready for most of the problems you'll typically face when writing a modern website, and have one or more solutions ready for them. Unlike many other ASP.NET books that show examples for individual pages or features, the example in this book is an integrated end-to-end site (written in C#). The entire book and site has been written specifically for ASP.NET 2.0, to use the ASP.NET 2.0 features wherever they make sense. The end-result is a website which features a layout with user-selectable themes, a membership system, a content management system for publishing and

syndicating articles and photos, polls, mailing lists, forums, an e-commerce store with support for real-time credit card processing, homepage personalization, and localization. The book leads the reader through development of a site with: Account registration, personalization and theming News and events, organized into categories Opinion polls Newsletter Forums E-commerce store with shopping cart and order management Localization Administration of a site will be covered including: Full online back-end administrative section, to manage practically all data from an intuitive user interface Site deployment In building these site features, you'll learn these new ASP.NET 2.0 features: Master pages Theming Personalization & Web parts Membership & Profile modules Personalization The new server-side UI controls such as GridView, DetailsView, FormView, Wizard, MultiView, the new xxxDataSource and navigation controls, among others. The new compilation mode and deployment modes The new framework for instrumenting the site, as well as handling & logging exceptions The new ADO.NET 2.0 features (e.g. caching with database dependency) The new classes for easy distributed transactions Management This book is also available as part of the 5-book ASP.NET 2.0 Wrox Box (ISBN: 0-470-11757-5). This 5-book set includes: Professional ASP.NET 2.0 Special Edition (ISBN: 0-470-04178-1) ASP.NET 2.0 Website Programming: Problem - Design - Solution (ISBN: 0764584642) Professional ASP.NET 2.0 Security, Membership, and Role Management (ISBN: 0764596985) Professional ASP.NET 2.0 Server Control and Component Development (ISBN: 04711793507) ASP.NET 2.0 MVP Hacks and Tips (ISBN: 0764597663) CD-ROM with more than 1000 pages of bonus chapters from 15 other .NET 2.0 and SQL Server(TM) 2005 Wrox books DVD with 180-day trial version of Microsoft(r) Visual Studio(r) 2005 Professional Edition

Designing Evolvable Web APIs with ASP.NET

Programming ASP.NET 3.5, 4th Edition

Full Stack Programming with C#, SQL, Ajax, and JavaScript

Programming ASP.NET 3.5

ASP.NET Website Programming

Building a Content Management System

Provides information on using ASP.NET MVC 4 to build server-side Web applications.

This book is for anyone who wants to learn how to build rich and interactive Microsoft ASP.NET web sites. With the knowledge you gain from this book, you create a great foundation to build any type of web site, ranging from simple hobby-related web sites to sites you may be creating for commercial purposes. Using this book's step-by-step format

you'll learn to: Obtain, install, and customize Visual Web Developer (VWD) 2008 create a new web site and how to add new pages to it. use the numerous tools in VWD to create HTML and ASP.NET pages use the VWD tools and CSS, the language that is used to format web pages What ASP.NET server controls are, what they are used for, and how to use them program web pages Visual Basic or C# create consistent-looking pages through the use of master pages, skins, and themes build the navigation structure of your site create and use User Controls and enhance them to repeat content like menus and banners accept, validate, and process user input and send e-mail from your ASP.NET web application create good looking, flicker free web page interaction with ASP.NET Ajax the basics of SQL, the language used access and alter data in a database use the database tools found in Visual Web Developer use the ASP.NET data controls to create an interface for your users to interact with your application's data use LINQ to SQL to access SQL Server databases without writing a lot of manual code change the visual appearance of your data through the use of control styles interact with the data-bound controls and speed up your application use the security ASP.NET features to create user accounts, distinguish between anonymous and logged on users, and manage the users in your system create personalized web pages with content targeted at individual users find and fix problems with VWD debugging tools deploy and run your final web site

Crouch provides beginning and intermediate developers with the practical information and step-by-step guidance they need to become productive with .NET. This tutorial offers a comprehensive yet approachable introduction to the .NET Framework, ASP.NET programming, and XML Web Services development.

A comprehensive guide to understanding, implementing, and extending the powerful and freely available application from Microsoft.

Building an application in four sprints

Build Web Applications with ASP.NET 3.5, AJAX, LINQ, and More

ASP.NET Core Application Development

Developing Web Applications with ASP.NET and C#

Real World ASP.NET

Programming ASP.NET Core, Programming ASP.NET Core

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 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

Design and build Web APIs for a broad range of clients—including browsers and mobile devices—that can adapt to change over time. This practical, hands-on guide takes you through the theory and tools you need to build evolvable HTTP services with Microsoft's ASP.NET Web API framework. In the process, you'll learn how design and implement a real-world Web API. Ideal for experienced .NET developers, this book's sections on basic Web API theory and design also apply to developers who work with other development stacks such as Java, Ruby, PHP, and Node. Dig into HTTP essentials, as well as API development concepts and styles

Learn ASP.NET Web API fundamentals, including the lifecycle of a request as it travels through the framework

Design the Issue Tracker API example, exploring topics such as hypermedia support with collection+json

Use behavioral-driven development with ASP.NET Web API to implement and enhance the application

Explore techniques for building clients that are resilient to change, and make it easy to consume hypermedia APIs

Get a comprehensive reference on how ASP.NET Web API works under the hood, including security and testability

This book is the most comprehensive and up to date introduction to ASP.NET ever written. Focussing solely on C#, with no code samples duplicated in other languages, award winning author Matthew MacDonald introduces you to the very latest thinking and best practices for the ASP.NET 4.5 technology. Assuming no prior coding experience, you'll be taught everything you need to know from the ground up. Starting from first principals, you'll learn the skills you need to be an effective ASP.NET developer who is ready to progress to more sophisticated projects and professional work. You'll be taught how to use object orientation and code-behind techniques to lay out your code clearly in a way other developers can easily understand. You'll learn how to query databases from within you web pages, spice up your layouts using ASP.NET AJAX and deploy your finished websites to production servers. You'll also learn how to debug your code when things go wrong and the performance and scalability issues that can affect your web projects as they grow. With you book you can take your first step towards becoming a successful ASP.NET developer with confidence.

What is this book about? ASP.NET Website Programming shows you how to build an interactive website from design to deployment. Packed with solutions to website programming problems, this book will have you building well-engineered, extendable ASP.NET websites quickly and easily. What does this book cover? In this book, you will learn how to Establish a solid, scalable website foundation

Provide flexible user accounts integrating with ASP.NET's built-in security

Create

message forums that enable formatted messages but defend against cross-site scripting Generate revenue from advertising Build a web interface for uploading, downloading, editing, and managing the files on your site Add opinion polls, email newsletters, and news management Deploy the finished site on a live server Build websites using good, n-tier coding techniques The site we build is modular. You can slot the modules into your own website, modify them, or use them as examples of particular ASP.NET techniques. Who is this book for? This book is for developers who Use ASP.NET and C# Use Visual Studio .NET Professional or above, or Visual C# .NET Standard Want to build content-based websites In C# and VB

Programming Microsoft ASP.NET MVC

Microsoft ASP.NET

Essential ASP.NET Web Forms Development

Build Your Own ASP.NET 4 Web Site Using C# & VB, 4th Edition