

Building Web Applications With Visual Studio 2017

Building a web application that attracts and retains regular visitors is tricky enough, but creating a social application that encourages visitors to interact with one another requires careful planning. This book provides practical solutions to the tough questions you'll face when building an effective community site -- one that makes visitors feel like they've found a new home on the Web. If your company is ready to take part in the social web, this book will help you get started. Whether you're creating a new site from scratch or reworking an existing site, Building Social Web Applications helps you choose the tools appropriate for your audience so you can build an infrastructure that will promote interaction and help the community coalesce. You'll also learn about business models for various social web applications, with examples of member-driven, customer-service-driven, and contributor-driven sites. Determine who will be drawn to your site, why they'll stay, and who they'll interact with Create visual design that clearly communicates how your site works Build the software you need versus plugging in one-size-fits-all, off-the-shelf apps Manage the identities of your visitors and determine how to support their interaction Monitor demand from the community to guide your choice of new functions Plan the launch of your site and get the message out

John Alexander and bestselling author Billy Hollis show programmers how to develop enterprise-level Web applications using Microsoft's popular programming language—Visual Basic.NET. Features the incomparable insights and programming know-how of two popular Microsoft insiders, arming developers with proven tips and workarounds to use in their own projects Provides step-by-step instruction for creating business Web applications using

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ASP.NET and VB.NET Companion Web site contains all the code for the sample application. 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.

A beginner's guide to building fully functioning web applications from scratch using the latest

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features of ASP.NET Core 3 and C# 8 Key Features Get to grips with the new features and APIs in ASP.NET Core 3, EF Core 3, and Blazor Create web APIs that integrate your applications with other systems and services Learn to deploy your web applications in new environments such as the cloud and Docker containers Book Description ASP.NET Core is an open source framework from Microsoft that makes it easy to build highly efficient and dynamic cross-platform web applications. Updated for the latest features of ASP.NET Core 3, this second edition will equip you with the skills you need to build powerful web applications. The book starts with an introduction to ASP.NET Core and its features, giving you a complete understanding of the framework. You will also learn how to set up your development environment with Visual Studio 2019 and build a fully functioning application from scratch. You'll then understand core concepts for building web applications such as Model View Controller (MVC), dependency injection, and WebSockets. As you advance, you'll discover how to use Entity Framework Core 3 to automate all database-related activities for your application. You will then build and document secure web APIs using security best practices to protect your web applications from threats and vulnerabilities. Finally, you will learn how to use Azure DevOps as a CI/CD tool to deploy and monitor your applications using Microsoft Azure, Amazon Web Services (AWS), and Docker. By the end of this book, you'll have the skills you need to develop efficient and robust web applications in ASP.NET Core 3. What you will learn Delve into basic and advanced ASP.NET Core 3 concepts with the help of examples Build an MVC web application and use Entity Framework Core 3 to access data Add web APIs to your web applications using RPC, REST, and HATEOAS Create a fully automated continuous integration and continuous delivery (CI/CD) pipeline using Azure DevOps Use Azure, Amazon

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Web Services, and Docker to deploy and monitor your applications Secure your web application from common attacks such as Cross-Site Scripting and SQL injection Explore client-side development using C# Razor components Who this book is for This book is for developers who want to build modern web applications with ASP.NET Core. The book will also be helpful for anyone working in infrastructure engineering and operations to monitor and diagnose problems during the runtime of ASP.NET Core 3.0 web applications. Although no prior understanding of ASP.NET or .NET Core is required, basic C# programming knowledge is assumed.

Expert F# 2.0 is about practical programming in a beautiful language that puts the power and elegance of functional programming into the hands of professional developers. In combination with .NET, F# achieves unrivaled levels of programmer productivity and program clarity. Expert F# 2.0 is The authoritative guide to F# by the inventor of F# A comprehensive reference of F# concepts, syntax, and features A treasury of expert F# techniques for practical, real-world programming F# isn't just another functional programming language. It's a general-purpose language ideal for real-world development. F# seamlessly integrates functional, imperative, and object-oriented programming styles so you can flexibly and elegantly solve any programming problem. Whatever your background, you'll find that F# is easy to learn, fun to use, and extraordinarily powerful. F# will change the way you think about—and go about—programming. Written by F#'s inventor and two major contributors to its development, Expert F# 2.0 is the authoritative, comprehensive, and in-depth guide to the language and its use. Designed to help others become experts, the first part of the book quickly yet carefully describes the F# language. The second part then shows how to use F# elegantly for a wide

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variety of practical programming tasks. The world's foremost experts in F# show you how to program in F# the way they do!

Design and develop an ASP.NET Core web application using .NET Core 3.0. This book shows you how to publish a web application to a web server and connect the published web application to a production database. Creating ASP.NET Core Web Applications starts by setting up the Visual Studio project where you will learn about Razor pages, Entities, and creating a data service. You will create models along with methods to use a query string and handle bad requests. Modifying data with Tag helpers is discussed as well as installation of Entity Framework, working with database migrations, and implementing a data access service. You will learn how to use layout pages and sections with Partial Views, `_ViewImports`, and `_ViewStart` files. You also will create custom middleware and log application events. You will be able to deploy the web application as well as connect it to a SQL Server database. What You Will Learn Work with models Modify data Work with EF Core and SQL Server Work with Razor pages and Partial Views Use separate scripts for production vs development Trace client-side errors using Chrome Developer tools Create cascading style sheets (CSS) with Sassy CSS (SCSS) Explore middleware Deploy your web application to IIS Who This Book Is For Software developers on the .NET stack who want to create ASP.NET Core web applications

Learn how to build web applications from three Microsoft MVPs. After building the data application layer using Entity Framework Core and a RESTful service using ASP.NET Core, you will then build the client side web application three ways: first, using ASP.NET Core, then using Angular 2, and, finally, using React. You will be able to compare and contrast these UI

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frameworks and select the best one for your needs. .NET Core is a complete rewrite of the popular .NET and its related frameworks. While many concepts are similar between .NET Core and the .NET 4.6 framework, there are revolutionary changes as well, including updates to Entity Framework Core and ASP.NET Core. The first section of this book covers the three main parts of building applications with C#: Entity Framework, ASP.NET Core Services, and ASP.NET Core Web Applications. There is also an explosion in popularity of JavaScript frameworks for client side development, and the authors cover two of the most popular UI frameworks. Start with TypeScript for developing clean JavaScript, along with a client side build tool such as Gulp, Grunt, and WebPack. Using the same data access layer and RESTful service from the .NET Core application, you can rebuild the UI using Angular 2. Then, repeat the process using React, for a true comparison of building client side applications using ASP.NET Core, Angular 2, and React. What You'll Learn Understand the fundamentals of .NET Core and what that means to the traditional .NET developer Build a data access layer with Entity Framework Core, a RESTful service with ASP.NET Core MVC, and a website with ASP.NET Core MVC and Bootstrap Automate many build tasks with client side build utilities Who This Book Is For Intermediate to advanced .NET developers

The new edition of the ultimate comprehensive guide to Microsoft Visual Basic Where most VB books start with beginner level topics, Mastering Visual Basic 2010 vaults you right into intermediate and advanced coverage. From the core of the language and user interface design to developing data-driven applications, this detailed book brings you thoroughly up to speed and features numerous example programs you can use to start building your own apps right away. Covers Visual Basic 2010, part of Microsoft's Visual Studio integrated development

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environment (IDE), which includes C#, C++, Visual Web Developer, and ASP.NET, along with Visual Basic Explains topics in the thorough, step-by-step style of allbooks in the Mastering series, providing you ample instruction, tips, and techniques Helps you build your own applications by supplying sample code you can use to start development Includes review exercises in each chapter to reinforce concepts as you learn All the books in the Sybex Mastering series feature comprehensive and expert coverage of topics you can put to immediate use. Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

Provides an overview of XML and the .NET framework, covers Web services and .NET application development, and explores how to integrate .NET and Java applications through Web services.

This book covers all aspects of VB that will help you to jump into real-world projects quickly and work independently. You'll work with various end-to-end examples to help you reduce your R&D time during VB projects, and learn about the drag-and-drop approach to enable you to build an app in a day.

Build web applications in C# and Microsoft .NET that run in any modern browser. This second edition is updated to work with the release version of Blazor and covers Blazor's use in creating both server-side and WebAssembly Blazor applications. Developers are able to use all their experience in .NET along with thousands of existing libraries, right in the browser. There is important new

coverage in this edition on the new and improved Razor syntax, how to easily validate user input with Blazor validation, and how to build complex interacting components with Cascading Properties and Templated Components. You will learn how to build user interfaces and present data to a user for display and modification, capturing the user's changes via data binding. The book shows you how to access a rich library of .NET functionality such as a component model for building a composable user interface, including how to develop reusable components that can be used across many pages and websites. Also covered is data exchange with a server, giving you access to microservices and database services. Blazor provides a fresh take on web development by eliminating the need for you to learn different languages and frameworks for client- and server-side development. Blazor allows C# and .NET to be used on all sides, providing a robust feature set that is well suited toward scalable, enterprise-level applications. This book gets you started using this important new toolkit for web application development.

What You Will Learn

- Build user interfaces and display data for users to edit
- Capture the user's changes via data binding
- Transfer data back and forth between server and client
- Communicate with microservices and database services
- Develop reusable components and assemble them into bigger components
- Use routing to build single-page applications (SPAs)
- Build Blazor

libraries that are reusable across applications Who This Book Is For Experienced .NET developers who want to apply their existing skills toward building professional-quality, client-side web applications that run in any browser. The book is for web developers who want to step away from JavaScript and its complexities, and instead use a proven technology (.NET) that is robust toward creating enterprise-quality applications that scale and are reliable, that provide good user experience.

Learn how to build web applications from three Microsoft MVPs. You will be able to compare and contrast several frameworks and select the best one for your needs. With the release of .NET Core and Visual Studio 2017, you can deploy applications to multiple operating systems. And with the rising popularity of JavaScript UI frameworks, you can choose whether to stay with ASP.NET Core MVC or use a JavaScript framework. Building Web Applications with Visual Studio 2017 shows you how to build a site in Core MVC, and the three most popular JavaScript frameworks: Angular 2, React, and Aurelia. What You Will Learn:

- Build a data access layer with Entity Framework Core
- Build a RESTful service with ASP.NET Core MVC
- Build a website with ASP.NET Core MVC and Bootstrap
- Build the same website in Angular 2, React, and Aurelia

Who This Book Is For: Intermediate to advanced .NET developers/div

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Even non-techies can build their first web application with this friendly, approachable guide, which teaches the principles of programming plus two popular practical frameworks: Foundation for Apps and Angular.js. It walks users through every step of the process, from designing something that works on all formats to choosing a programming framework, along with assignments in every chapter. If you know some HTML and CSS, but want to go further, this book is perfect!

Build web applications in Microsoft .NET that run in any modern browser, helping you to transfer your .NET experience and skills to a new environment and build browser-based applications using a robust and type-safe language and runtime. Developing a web site with rich client-side behavior means most developers need to learn a transpiled language like JavaScript or TypeScript. But today you can also develop rich browser applications using the .NET runtime and C# using Blazor. With Blazor you can use all that experience you have amassed over the years, and can use thousands of already existing libraries, right in the browser. Blazor Revealed will allow you to create a rich web site experience in no time. You will learn how to build user interfaces, and present data to a user for display and modification, capturing the user's changes via data binding. The book shows you how to access a rich library of .NET functionality such as a component model

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for building a composable user interface, including how to develop reusable components that can be used across many pages and web sites. Also covered is data exchange with a server, giving you access to microservices and database services. Blazor provides a fresh take on web development by eliminating the need for you to learn different languages and frameworks for client- and server-side development. Blazor allows C# and .NET to be used on all sides, providing a robust feature set that is well suited toward scalable, enterprise-level applications. Blazor Revealed gets you started in using this important new toolkit for web application development. What You'll Learn Build user interfaces and display data for users to edit Capture the user's changes via data binding Transfer data back and forth between server and client Communicate with microservices and database services Develop reusable components and assemble them into bigger components Use routing to build single page applications (SPAs) Build Blazor libraries that are reusable across applications Who This Book Is For Experienced .NET developers who want to apply their existing skills to building professional quality, client-side web applications that run in any browser. The book is for web developers who want to step away from JavaScript and its complexities, and instead use a proven technology (.NET) that is robust toward creating enterprise-quality applications that scale and are

reliable and that provide good user experience. The book is for intermediate to advanced .NET web developers with no experience using Blazor.

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.

Introduction and summary of web-related technologies; Web application basics; Dynamic clients; Beyond http and html; Security; The process; Defining the architecture; Requirements and use case; Analysis; Design; Implementation. Microsoft's introduction of its XML Web platform, .NET Framework, and its C# programming language signal Microsoft's total entry into e-commerce, fundamentally changing the way businesses and people interact over the Internet. Building Web Applications with C# and .NET: A Complete Reference is a comprehensive resource with a sharp focus on how to develop and deploy distributed applications using Microsoft's .NET Framework and C#. Written for C++, Visual Basic, Java, and ASP programmers making the transition to .NET, the text begins by providing the fundamentals of network programming and then expands these basics to demonstrate how to use the concepts and capabilities of .NET for developing distributed applications. Heavily referenced with many exercises, the text provides a clear, detailed exposition on the essential elements of the .NET Framework requisite to distributed programming. Coverage of ASP, C#, ADO Database Access, HTML, XM, WSDL and SOAP, and Web Services make this text the ultimate reference on the .Net Framework. Numerous examples illustrate the concepts and techniques discussed and the hands-on exercises demonstrate the visual studio development environment. Building Web Applications with C# and .NET: A Complete Reference includes a tutorial on the C#

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programming language and provides you with the skills and tools that you will need to develop and deploy distributed applications.

Learning React A hands-on guide to building web applications using React and Redux
As far as new web frameworks and libraries go, React is quite the runaway success. It not only deals with the most common problems developers face when building complex apps, it throws in a few additional tricks that make building the visuals for such apps much, much easier. What React isn't, though, is beginner-friendly and approachable. Until now. In Learning React , author Kirupa Chinnathambi brings his fresh, clear, and very personable writing style to help web developers new to React understand its fundamentals and how to use it to build really performant (and awesome) apps. The only book on the market that helps you get your first React app up and running in just minutes, Learning React is chock-full of colorful illustrations to help you visualize difficult concepts and practical step-by-step examples to show you how to apply what you learn. Build your first React app Create components to define parts of your UI Combine components into other components to build more complex UIs Use JSX to specify visuals without writing full-fledged JavaScript Deal with maintaining state Work with React's way of styling content Make sense of the mysterious component lifecycle Build multi-page apps using routing and views Optimize your React workflow using tools such as Node, Babel, webpack, and others Use Redux to make managing your app data and state easy Contents at a Glance 1 Introducing React 2 Building Your First

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React App 3 Components in React 4 Styling in React 5 Creating Complex Components 6 Transferring Properties 7 Meet JSX... Again! 8 Dealing with State in React 9 Going from Data to UI in React 10 Events in React 11 The Component Lifecycle 12 Accessing DOM Elements in React 13 Setting Up Your React Dev Environment 14 Working with External Data in React 15 Building an Awesome Todo List App in React 16 Creating a Sliding Menu in React 17 Avoiding Unnecessary Renders in React 18 Creating a Single-Page App in React Using React Router 19 Introduction to Redux 20 Using Redux with React

Take full creative control of your web applications with Flask, the Python-based microframework. With this hands-on book, you'll learn Flask from the ground up by developing a complete social blogging application step-by-step. Author Miguel Grinberg walks you through the framework's core functionality, and shows you how to extend applications with advanced web techniques such as database migration and web service communication. Rather than impose development guidelines as other frameworks do, Flask leaves the business of extensions up to you. If you have Python experience, this book shows you how to take advantage of that creative freedom. Learn Flask's basic application structure and write an example app Work with must-have components—templates, databases, web forms, and email support Use packages and modules to structure a large application that scales Implement user authentication, roles, and profiles Build a blogging feature by reusing templates, paginating item lists,

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and working with rich text Use a Flask-based RESTful API to expose app functionality to smartphones, tablets, and other third-party clients Learn how to run unit tests and enhance application performance Explore options for deploying your web app to a production server

Building Web Applications with Visual Studio 2017 Using .NET Core and Modern JavaScript Frameworks Apress

0789728222. Id The authoritative solution to passing the 70-315 exam! Amit Kalani is a leading authority on C#. Training Guides are the most effective self-study guide in the marketplace, featuring exam tips, study strategies, review exercises, case studies, practice exams, ExamGear testing software, and more. Subjected to rigorous technical review by a team of industry experts, ensuring content is superior in both coverage and technical accuracy. This certification exam measures the ability to develop and implement Web-based applications with Web forms, ASP.NET, and the Microsoft .NET Framework. This exam counts as a core credit toward the new MCAD (Microsoft Certified Application Developer) certification as well as a core credit toward the existing MCSA certification. Readers preparing for this exam find our Training Guides series to be the most successful self-study tool in the market. This book is their one-stop shop because of its teaching methodology, the accompanying ExamGear testing software, and superior Web site support at www.quepublishing.com/certification. The CD features our ExamGear product (test simulation with more than 150 practice questions) and an

electronic copy of the book. Amit Kalani (MCSD, MCP) has been actively programming using Microsoft .NET Framework since it was in its beta. He is a contributing author and technical reviewer for several popular books on C#, VB.NET and ASP.NET. Amit has a passion for sharing his knowledge. He has designed and delivered courses that have helped many developers prepare for certification exams from Microsoft and other organizations. Amit is a Bachelor of Science and is a Microsoft Certified Professional. "Working with REST and Web-Sockets on Yaws"--Cover.

Build web applications in C# and Microsoft .NET 6 that run in any modern browser and become a full-stack web developer!. Do all these things using the Microsoft Blazor framework and the techniques shown in this book. New in this edition is coverage of the new and improved Razor syntax, communication with the server using SignalR and/or gRPC, the use of virtualization to load large quantities of data efficiently, deployment and ahead-of-time compilation into WASM, new unit testing features, security using OpenID Connect, and more. Reading this book helps you learn to build user interfaces and present data to a user for display and modification, capturing the user's changes via data binding. The book shows how to access a rich library of .NET functionality such as a component model for building a composable user interface, including how to develop reusable components that can be used across many pages and websites. Also covered is data exchange with a server using REST, SignalR, and gRPC, giving you access to microservices and database services. Blazor provides a fresh take on web

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development by eliminating the need for you to learn different languages and frameworks for client- and server-side development. Blazor allows C# and .NET to be used on all sides—both server-side and client-side—providing a robust feature set that is well suited toward scalable, enterprise-level applications. With Blazor you can use all your experience in .NET 6 along with thousands existing libraries, right in the browser. This book gets you proficient using this important toolkit for web application development. What You Will Learn Build user interfaces and display data for users to edit Capture user edits and changes via data binding Transfer data back and forth between server and client Communicate with microservices and database services using REST, SignalR, or gRPC Develop reusable components and assemble them into bigger components Use routing to build single-page applications (SPAs) Build stable and maintainable software using unit testing Internationalize your application to reach more users Secure your Blazor application with OpenID Connect Who This Book Is For Experienced .NET developers who want to apply their existing skills toward building professional-quality, client-side web applications that run in any browser and web developers who want to step away from JavaScript and its complexities, and instead use a proven technology (C# and .NET6) that is robust toward creating enterprise-quality applications that scale and are reliable, and provide a good user experience Roll up your sleeves and jump into building web applications using .NET Core 2.1 and the most popular JavaScript frameworks. You will start by building a data access layer

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using Entity Framework Core, a RESTful service using ASP.NET Core, and then you will build a web application following the MVC pattern, also using ASP.NET Core. The resulting application is an example e-commerce site using the most appropriate capabilities in .NET Core for building a line of business applications. The second half of Building Web Applications with .NET Core 2.1 and JavaScript is dedicated to teaching you how to develop applications on the client with JavaScript, Bootstrap, and related tooling such as TypeScript, WebPack, NPM, and more. Each JavaScript framework will build the same UI as the ASP.NET Core web application from the first half of the book, leveraging the same ASP.NET Core RESTful service and Entity Framework Core data access layer. Building the same UI in the different JavaScript frameworks provides the context and knowledge to reasonably compare and contrast the tools. What You Will Learn Ramp up quickly on Entity Framework Core and ASP.NET Core Use TypeScript to deliver better JavaScript Manage your JavaScript build process Know how to build UIs with ASP.NET Core MVC, Angular, and React to make better decisions on which technologies to adopt in your projects Conduct an apples-to-apples comparison of ASP.NET Core, Angular, and React Who This Book Is For .NET architects, consultants, and developers who want to modernize their skill set. Some understanding of JavaScript and the Web is useful.

Conallen introduces architects and designers and client/server systems to issues and techniques of developing software for the Web. He expects readers to be familiar with

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object-oriented principles and concepts, particularly with UML (unified modeling language), and at least one Web application architecture or environment. The second edition incorporates both technical developments and his experience since 1999. He does not provide a bibliography. Annotation copyrighted by Book News, Inc., Portland, OR

SharePoint is central to the Microsoft Office and developer platform, and at seventy-five million licenses sold, is the fastest growing server product at Microsoft. This book is an anthology of the best thinking on critical SharePoint 2007 topics by a dozen SharePoint MVPs, the best and the most recognized experts in the field. Topics covered include but are not limited to branding, business data connector, classified networks, forms-based authentication, InfoPath and SharePoint, installation, and zones and alternate access mapping.

Learn how to create and deploy a SPA in C# with Blazor
KEY FEATURES ? Get familiar with the basic and advanced concepts of the Blazor framework ? Understand how to implement JavaScript interop in Blazor ? Learn how to inject the service dependency in Blazor ? Learn how to implement security using Authentication and authorization ? Deploy and host your Blazor app on IIS and Azure
DESCRIPTION
Blazor is a new, open-source, and SPA web framework that allows you to build a web application using C# and HTML. Blazor enables you to write C# code instead of JavaScript. This book is a comprehensive guide about the new modern Blazor

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framework. It begins with an introduction to the Blazor and its components and concepts. It explains how you can start the development process, what tools you can use to develop an application, and how you can deploy it. You will then learn more about Databind, Eventbinding, layout, routing, JavaScript interop, and Dependency Injection. Concepts such as Authentication and authorization, error handling are also covered. Towards the end, you will learn how to deploy your Single Page Application Using Blazor. WHAT YOU WILL LEARN ? Explore and use a various way to create a Blazor component ? Get familiar with the working of Data Binding, Event Binding, Layouts, Routing, and Validation ? Learn how to invoke JavaScript functions from .NET methods ? Preserving State in Server-Side Blazor applications ? Authentication and Authorization using Facebook API & Google API ? Host and Deploy your Blazo app on IIS and Azure WHO THIS BOOK IS FOR This book is for web developers who want to use Blazor to build web apps. This book will also help and guide web developers who are currently using Blazor. AUTHOR BIO Jignesh Trivedi is working as a software developer with a leading organization and having more than 14 years of experience. He is very passionate about Microsoft Technologies. He is an author, speaker, and Microsoft MVP. He loves building great products and POC (proof of concepts) using the best available technologies. He loves to share his knowledge by contributing to the Developer community.

ASP.NET Core in Action, Second Edition is a comprehensive guide to creating web

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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

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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

Building Distributed Applications with Visual Basic.NET provides corporate developers with the .NET Framework techniques necessary to build distributed and reusable business systems in VB.NET. Covered topics include: VB.NET and the .NET Framework architecture and language concepts; building distributed applications with VB.NET using ADO.NET, XML, ASP.NET, SOAP, and COM+; and enterprise integration using the Services Framework.

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A guide to developing Web sites using scalable applications.

Build web and mobile apps quickly with Oracle Visual Builder and delve into real-time end-to-end use cases, exploring best practices, recommendations, security, and debugging techniques

Key Features Execute various real-time use cases and develop web and mobile applications quickly Enhance your skills by extending Oracle and non-Oracle SaaS applications using VB Gain the knowledge needed to take on projects directly and work independently

Book Description Organizations are moving their applications, data, and processes to the cloud to reduce application costs, effort, and maintenance. However, adopting new technology poses challenges for developers, solutions architects, and designers due to a lack of knowledge and appropriate practical training resources. This book helps you get to grips with Oracle Visual Builder (VB) and enables you to quickly develop web and mobile applications and deploy them to production without hassle. This book will provide you with a solid understanding of VB so that you can adopt it at a faster pace and start building applications right away. After working with real-time examples to learn about VB, you'll discover how to design, develop, and deploy web and mobile applications quickly. You'll cover all the VB components in-depth, including web and mobile application development, business objects, and service connections. In order to use all these components, you'll also explore best practices, security, and recommendations, which are well explained within the chapters. Finally, this book will help you gain the knowledge you need to enhance

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the performance of an application before deploying it to production. By the end of this book, you will be able to work independently and deploy your VB applications efficiently and with confidence. What you will learn

- Get started with VB and explore its architecture and basic building blocks
- Gain a clear understanding of business objects and learn how to manage them
- Create service connections to connect to the external API and Oracle SaaS
- Build web and mobile apps and run them on various devices
- Develop Oracle Cloud and non-Oracle SaaS app extensions
- Get to grips with data and application security using practical examples
- Explore best practices along with troubleshooting and debugging mechanisms
- Connect your VB application with VBS for application versioning using Git

Who this book is for ? This book is for IT professionals working with UI technologies to develop web and mobile applications for various industries. Developers and UI designers who want to understand how to use VB, develop scalable web and mobile applications using drag-and-drop features, and design applications in a better way with the help of real-time example apps and code samples will find this book helpful. Prior experience in any UI technology, JavaScript, and REST APIs will be useful.

Practical Software Architecture Solutions from the Legendary Robert C. Martin (“Uncle Bob”) By applying universal rules of software architecture, you can dramatically improve developer productivity throughout the life of any software system. Now, building upon the success of his best-selling books Clean Code and The Clean Coder,

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legendary software craftsman Robert C. Martin (“Uncle Bob”) reveals those rules and helps you apply them. Martin’s Clean Architecture doesn’t merely present options. Drawing on over a half-century of experience in software environments of every imaginable type, Martin tells you what choices to make and why they are critical to your success. As you’ve come to expect from Uncle Bob, this book is packed with direct, no-nonsense solutions for the real challenges you’ll face—the ones that will make or break your projects. Learn what software architects need to achieve—and core disciplines and practices for achieving it Master essential software design principles for addressing function, component separation, and data management See how programming paradigms impose discipline by restricting what developers can do Understand what’s critically important and what’s merely a “detail” Implement optimal, high-level structures for web, database, thick-client, console, and embedded applications Define appropriate boundaries and layers, and organize components and services See why designs and architectures go wrong, and how to prevent (or fix) these failures Clean Architecture is essential reading for every current or aspiring software architect, systems analyst, system designer, and software manager—and for every programmer who must execute someone else’s designs. Register your product for convenient access to downloads, updates, and/or corrections as they become available. With the release of Visual Studio 6.0 Enterprise Edition, Microsoft has introduced the ultimate Web development system. Since the program contains no written

documentation, developers can refer to this book for solutions and suggestions on how to make the most of its robust features. Ready-to-use applications are available on the companion Website for downloading, saving developers hundreds of hours programming from scratch.

A detailed handbook for experienced developers explains how to get the most out of Microsoft's Visual Studio .NET, offering helpful guidelines on how to use its integrated development environment, start-up templates, and other features and tools to create a variety of applications, including Web services. Original.

(Advanced)

WordPress is much more than a blogging platform. As this practical guide clearly demonstrates, you can use WordPress to build web apps of any type—not mere content sites, but full-blown apps for specific tasks. If you have PHP experience with a smattering of HTML, CSS, and JavaScript, you'll learn how to use WordPress plugins and themes to develop fast, scalable, and secure web apps, native mobile apps, web services, and even a network of multiple WordPress sites. The authors use examples from their recently released SchoolPress app to explain concepts and techniques throughout the book. All code examples are available on GitHub. Compare WordPress with traditional app development frameworks Use themes for views, and plugins for backend functionality Get

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suggestions for choosing WordPress plugins—or build your own Manage user accounts and roles, and access user data Build asynchronous behaviors in your app with jQuery Develop native apps for iOS and Android, using wrappers Incorporate PHP libraries, external APIs, and web service plugins Collect payments through ecommerce and membership plugins Use techniques to speed up and scale your WordPress app

The “Microsoft Azure Essentials” series helps you advance your technical skills with Microsoft Azure. “Microsoft Azure Essentials: Azure Web Apps for Developers” focuses on providing essential information about developing web applications hosted on Azure Web Apps. It is written with the developer who has experience using Visual Studio and the .NET Framework in mind. If Azure Web Apps is new to you, this book is for you. If you have experience developing for Azure Web Apps, this book is for you, too, because there are features and tools discussed in this text that are new to the platform.

Become a professional .NET developer by learning expert techniques for building enterprise-grade applications Key Features Explore the advanced features of C# and .NET 5 to enhance your code and productivity Follow clear and easy instructions for building an end-to-end enterprise application Learn how to build scalable web applications and host them on the cloud Book Description .NET

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Core is one of the most popular programming platforms in the world for an increasingly large community of developers thanks to its excellent cross-platform support. This book will show you how to confidently use the features of .NET 5 with C# 9 to build robust enterprise applications. Throughout the book, you'll work on creating an enterprise app and adding a key component to the app with each chapter, before finally getting it ready for testing and deployment. You'll learn concepts relating to advanced data structures, the Entity Framework Core, parallel programming, and dependency injection. As you progress, you'll cover various authentication and authorization schemes provided by .NET Core to make your apps and APIs secure. Next, you'll build web apps using ASP.NET Core 5 and deploy them on the cloud while working with various cloud components using Azure. The book then shows you how to use the latest Microsoft Visual Studio 2019 and C# 9 to simplify developer tasks, and also explores tips and tricks in Visual Studio 2019 to improve your productivity. Later, you'll discover various testing techniques such as unit testing and performance testing as well as different methods to deploy enterprise apps. By the end of this book, you'll be able to create enterprise apps using the powerful features of .NET 5 and deploy them on the cloud. What you will learn Design enterprise apps by making the most of the latest features of .NET 5 Discover different layers of an

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app, such as the data layer, API layer, and web layer Explore end-to-end architecture, implement an enterprise web app using .NET and C# 9, and deploy the app on Azure Focus on the core concepts of web application development such as dependency injection, caching, logging, configuration, and authentication, and implement them in .NET 5 Integrate the new .NET 5 health and performance check APIs with your app Understand how .NET 5 works and contribute to the .NET 5 platform Who this book is for If you are a developer, architect, or senior programmer who wants to leverage the features of .NET 5 and the C# language, as well as grasp essential techniques to build your skills, then this C# .NET 5 book is for you. Beginner to intermediate-level knowledge of the .NET framework and C# programming is required to understand the concepts covered in this book more effectively.

Learn how to build large, mission critical Internet database applications using Tahoe as the foundation. Covers server side web applications, including ASP (ODBC and ActiveX automation servers), FoxISAPI, and advanced web features such as cookies, authentication, and browser functionality encapsulation. Also delves into non-HTML distributed applications and remote data services. Covers topics including .NET Framework and CLR fundamentals, .NET features, Web services, programming with GDI+, and interoperability, and provides a

Visual Basic .NET overview.

Create rich interactivity with Scalable Vector Graphics (SVG) Dive into SVG—and build striking, interactive visuals for your web applications. Led by three SVG experts, you'll learn step-by-step how to use SVG techniques for animation, overlays, and dynamic charts and graphs. Then you'll put it all together by building two graphic-rich applications. Get started creating dynamic visual content using web technologies you're familiar with—such as JavaScript, CSS, DOM, and AJAX. Discover how to: Build client-side graphics with little impact on your web server Create simple user interfaces for mobile and desktop web browsers Work with complex shapes and design reusable patterns Position, scale, and rotate text elements using SVG transforms Create animations using the Synchronized Multimedia Integration Language (SMIL) Build more powerful animations by manipulating SVG with JavaScript Apply filters to sharpen, blur, warp, reconfigure colors, and more Make use of programming libraries such as Pergola, D3, and Polymaps

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