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The Proceedings of the International Conference on Information Engineering, Management and Security 2014 - JBV Subramanyam, Kokula Krishna Hari K 2014-05-15
The Proceedings of the International Conference on Information Engineering, Management and Security 2014 which happened at Christu Jyoti Institute of Technology.

Pro ASP.NET Core 3 - Adam Freeman 2020-06-06
Now in its 8th edition, Pro ASP.NET Core has been thoroughly updated for ASP.NET Core 3 and online for ASP.NET Core 5 and .NET 5.0. This comprehensive, full-color guide is the only book you need to learn ASP.NET Core development. Professional developers get ready to produce leaner applications for the ASP.NET Core platform. This edition puts ASP.NET Core 3 into context, and takes a deep dive into the tools and techniques required to build modern, extensible web applications. New features and capabilities such as MVC 3, Razor Pages, Blazor Server, and Blazor WebAssembly are

covered, along with demonstrations of how they can be applied in practice. Following the same popular format and style found in previous editions, author Adam Freeman explains how to get the most out of ASP.NET Core 3. Starting with the nuts-and-bolts topics, he teaches readers about middleware components, built-in services, request model binding, and more. Moving along, he introduces increasingly more complex topics and advanced features, including endpoint routing and dependency injection. Written for professionals wanting to incorporate the latest functionality of ASP.NET Core 3 into their projects, this book also serves as a complete reference on ASP.NET Core. Beginners with some background in Microsoft web development will also greatly benefit from the in-depth coverage provided throughout. What You Will Learn: Build a solid foundation and skill set for working with the entire ASP.NET Core platform Apply ASP.NET Core 3 and ASP.NET

Core 5 features in your developer environment; plentiful reusable templates See how to create RESTful web services, web applications, and client-side applications Leverage existing knowledge to efficiently get up and running with new programming models Adam Freeman is an experienced IT professional who has held senior positions in a range of companies, most recently serving as chief technology officer and chief operating officer of a global bank. Now retired, he spends his time writing and long-distance running. "The Rolls-Royce of ASP.NET books, (or if you're American, the Cadillac). Very thorough!" Les Jackson, MCSD, DotNet Playbook "The author's instruction is direct, easy to understand and supplemented with clear code examples... Whether you are a beginner learning ASP.NET Core 3.1 app development, or an experienced professional ready to master advanced concepts, I consider this book a 'must have' for you!" Jeremy Likness, Senior Program Manager, Microsoft "...the best single resource for teaching MVC web apps using ASP.NET." Charles Carter, MSCS, MSwE, JD, Cloud Application Development Instructor, Microsoft Software and Systems Academy

Pro ASP.NET Core MVC 2 - Adam Freeman 2017-10-24

Now in its 7th edition, the best selling book on MVC is updated for ASP.NET Core MVC 2. It contains detailed explanations of the Core MVC functionality which enables developers to produce leaner, cloud optimized and mobile-ready applications for the .NET platform. This book puts ASP.NET Core MVC into context and dives deep into the tools and techniques required to build modern, cloud optimized extensible web applications. All the new MVC features are described in detail and the author explains how best to apply them to both new and existing projects. The ASP.NET Core MVC Framework is the latest

evolution of Microsoft's ASP.NET web platform, built on a completely new foundation. It represents a fundamental change to how Microsoft constructs and deploys web frameworks and is free of the legacy of earlier technologies such as Web Forms. ASP.NET Core MVC provides a "host agnostic" framework and a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful extensibility. Best-selling author Adam Freeman has thoroughly revised this market-leading book and explains how to get the most from ASP.NET Core MVC. He starts with the nuts-and-bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need. The book includes a fully worked case study of a functioning web application that readers can use as a template for their own projects. What's New in This Edition Fully updated for Visual Studio 2017, C# 7 and .NET Core 2 Coverage of new features such as view filters Wider platform and tooling coverage than ever before, with more on Visual Studio Code and working with .NET Core on non-Windows platforms Docker-based application deployment What You Will Learn Gain a solid architectural understanding of ASP.NET Core MVC Explore the entire ASP.NET MVC Framework as a cohesive whole See how MVC and test-driven development work in action Learn what's new in ASP.NET Core MVC 2 and how best to apply these new features to your own work See how to create RESTful web services and Single Page Applications Build on your existing knowledge of previous MVC releases to get up and running with the new programming model quickly and effectively Who This Book Is For This book is for web developers with a basic knowledge of ASP.NET and C# who want to incorporate the latest improvements and functionality in the ASP.NET Core MVC 2 Framework.

ASP.NET Unleashed - Stephen Walther 2004

- Comprehensive ASP.NET reference, loaded with code examples--now including both VB .NET and C#. - Updated to the latest .NET release version 1.1 (Everett) making it compatible with the upcoming .NET Server 2003. - Author Stephen Walther is a well-reviewed author and ASP.NET expert and trainer who works closely with the Microsoft ASP.NET team.

ASP.NET MVC 4 Recipes - John Ciliberti 2013-04-01

ASP.NET MVC 4 Recipes is a practical guide for developers creating modern web applications, cutting through the complexities of ASP.NET, jQuery, Knockout.js and HTML 5 to provide straightforward solutions to common web development problems using proven methods based on best practices. The problem-solution approach gets you in, out, and back to work quickly while deepening your understanding of the underlying platform and how to develop with it. Author John Ciliberti guides you through the framework and development tools, presenting typical challenges, along with code solutions and clear, concise explanations, to accelerate application development. Inside you will find recipes dealing with streamlined syntax, full control over HTML, a simple API for creating RESTful web services, writing support for test driven development, and more. Solve problems immediately by pasting in code from the recipes, or put multiple recipe solutions together to overcome challenging development obstacles. Dive head first into ASP.NET MVC web development with ASP.NET MVC 4 Recipes.

ASP.NET 2.0 Website Programming - Marco Bellinaso
2006-05-08

* The unique Problem-Design-Solution approach shows Web developers how to integrate all the new functionality of

ASP.NET 2.0 into a single real-world project that reflects problems and solutions they face daily * Walks readers through the development of a complete ASP.NET 2.0 Web site that boasts most of the features a user can expect to find in an e-commerce site: photo galleries; opinion polls, forums, and newsletters; an e-commerce section with shopping cart; and order management functions * The implementation of each feature demonstrates new functions introduced by ASP.NET 2.0, such as master pages, Web parts, theming, membership, personalization, and much more

ASP.NET at Work - Eric A. Smith 2002-09-13

Discover how to use ASP.NET to build, deploy, and run 10 distributed Web applications that can target any browser on any device ASP.NET provides developers with the functionality they need to create enterprise-level Web applications. This book clearly shows them how to use this framework to create the top ten enterprise applications that they will need for their organizations. To build these applications, Smith explains how to combine the functionality of ASP.NET with products and technologies such as VB.NET, C#, ADO.NET, SQL Server 2000, WAP, XML, HTML, JavaScript, and Cascading Style Sheets (CSS). The projects include an address book application, a contact manager application, advertising manager, online store, and a Web log analyzer. CD-ROM includes the complete source code for the ten projects, additional resource links, corrections, and FAQs. Companion Web site features a working version of the ten projects built 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. Visit our Web site at www.wiley.com/compbooks/ Visit the author's Web site at www.10projectswithasp.net Note: CD-ROM/DVD and other supplementary materials are not included as part of eBook file.

ASP.NET Core 6 and Angular - Valerio De Sanctis
2022-04-06

Design, build and deploy robust web applications using ASP.NET 6, Angular 13, and Entity Framework Core Key FeaturesThe most up-to-date book that covers cutting-edge features released in ASP.NET Core 6 and Angular 13Create a production-ready Single-Page Application (SPA) or Progressive Web Application (PWA)Adopt a full-stack approach to handle data management, API documentation, Web APIs, end-to-end testing, security, and deploymentBook Description Every full-stack ninja needs the tools to operate on front-end and back-end application development. This web app development book takes a hands-on, project-based approach to provide you with all the tools and techniques that web developers need to create, debug, and deploy efficient web applications using ASP.NET Core and Angular. The fifth

edition has been updated to cover advanced topics such as Minimal APIs, Web APIs with GraphQL, real-time updates with SignalR, and new features in .NET 6 and Angular 13. You begin by building a data model with Entity Framework Core, alongside utilizing the Entity Core Fluent API and EntityTypeConfiguration class. You'll learn how to fetch and display data and handle user input with Angular reactive forms and front-end and back-end validators for maximum effect. Later, you will perform advanced debugging and explore the unit testing features provided by xUnit.net (.NET 6) and Jasmine, as well as Karma for Angular. After adding authentication and authorization to your apps, you will explore progressive web applications, learning about their technical requirements, testing processes, and how to convert a standard web application to a PWA. By the end of this web development book, you will understand how to tie together the front-end and back-end to build and deploy secure and robust web applications. What you will learnUse the new Visual Studio Standalone TypeScript Angular templateImplement and consume a Web API interface with ASP.NET CoreSet up an SQL database server using a local instance or a cloud datastorePerform C# and TypeScript debugging using Visual Studio 2022Create TDD and BDD unit tests using xUnit, Jasmine, and KarmaPerform DBMS structured logging using providers such as SeriLogDeploy web apps to Azure App Service using IIS, Kestrel, and NGINXLearn to develop fast and flexible Web APIs using GraphQLAdd real-time capabilities to Angular apps with ASP.NET Core SignalRWho this book is for This book is for experienced ASP.NET developers who already possess some familiarity with ASP.NET Core and Angular and are looking to learn how to use them effectively together. The fully

documented code samples (also available on GitHub) and the step-by-step implementation tutorials make this book easy to follow.

Professional ASP.NET MVC 3 - Jon Galloway 2011-07-22

New edition of the top book on MVC from the top ASP.NET experts at Microsoft! MVC 3.0 is the latest update to Microsoft's Model-View-Controller technology, which enables developers to build dynamic, data-driven web sites. This in-depth book shows you step by step how to use MVC 3.0. Written by top ASP.NET MVC experts at Microsoft, the latest edition of this popular book covers new and updated features such as the new View engine, Razor, NuGet, and much more. The book's practical tutorials reinforce concepts and allow you create real-world applications. Topics include controllers and actions, forms and HTML helpers, Ajax, unit testing, and much more. Shows developers and programmers how to use ASP.NET MVC 3.0, Microsoft's new version of its Model-View-Controller technology for developing dynamic, data-driven web sites Features an expert author team?all are members of Microsoft's ASP.NET team Uses a step-by-step approach to explain all major features and functionalities and provides practical tutorials to allow you to create real-world applications Goes into theory as well as practical application and covers such topics as Razor, NuGet (PowerShell inside Visual Studio 2010), and new layout features Move your development skills to the next level with MVC 3.0 and Professional ASP.NET MVC 3.0.

Pro ASP.NET MVC 5 - Adam Freeman 2014-02-28

The ASP.NET MVC 5 Framework is the latest evolution of Microsoft's ASP.NET web platform. It provides a high-productivity programming model that promotes cleaner code architecture, test-driven development, and powerful

extensibility, combined with all the benefits of ASP.NET. ASP.NET MVC 5 contains a number of advances over previous versions, including the ability to define routes using C# attributes and the ability to override filters. The user experience of building MVC applications has also been substantially improved. The new, more tightly integrated, Visual Studio 2013 IDE has been created specifically with MVC application development in mind and provides a full suite of tools to improve development times and assist in reporting, debugging and deploying your code. The popular Bootstrap JavaScript library has also now been included natively within MVC 5 providing you, the developer, with a wider range of multi-platform CSS and HTML5 options than ever before without the penalty of having to load-in third party libraries.

ASP.NET Core Application Development - James Chambers 2016-11-29

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.

A Tester's Guide to .NET Programming - Joe Sweeney
2006-11-21

*Unlike its competitors, focuses solely on applied programming techniques for testers *Will appeal to both developers and testers alike; already popularized in classrooms worldwide for three years *Testing market is growing as more business adopt .NET technologies

ASP.NET - Rick Miller 2014-03-16

Clean Code in C# - Jason Alls 2020-07-17

Develop your programming skills by exploring essential topics such as code reviews, implementing TDD and BDD, and designing APIs to overcome code inefficiency, redundancy, and other problems arising from bad code Key FeaturesWrite code that cleanly integrates with other systems while maintaining well-defined software boundariesUnderstand how coding principles and standards enhance software qualityLearn how to avoid common errors while implementing concurrency or threadingBook

Description Traditionally associated with developing Windows desktop applications and games, C# is now used in a wide variety of domains, such as web and cloud apps, and has become increasingly popular for mobile development. Despite its extensive coding features, professionals experience problems related to efficiency, scalability, and maintainability because of bad code. Clean Code in C# will help you identify these problems and solve them using coding best practices. The book starts with a comparison of good and bad code, helping you understand the importance of coding standards, principles, and methodologies. You'll then get to grips

with code reviews and their role in improving your code while ensuring that you adhere to industry-recognized coding standards. This C# book covers unit testing, delves into test-driven development, and addresses cross-cutting concerns. You'll explore good programming practices for objects, data structures, exception handling, and other aspects of writing C# computer programs. Once you've studied API design and discovered tools for improving code quality, you'll look at examples of bad code and understand which coding practices you should avoid. By the end of this clean code book, you'll have the developed skills you need in order to apply industry-approved coding practices to write clean, readable, extendable, and maintainable C# code. What you will learnWrite code that allows software to be modified and adapted over timeImplement the fail-pass-refactor methodology using a sample C# console applicationAddress cross-cutting concerns with the help of software design patternsWrite custom C# exceptions that provide meaningful informationIdentify poor quality C# code that needs to be refactoredSecure APIs with API keys and protect data using Azure Key VaultImprove your code's performance by using tools for profiling and refactoringWho this book is for This coding book is for C# developers, team leads, senior software engineers, and software architects who want to improve the efficiency of their legacy systems. A strong understanding of C# programming is required.

ASP.NET in a Nutshell - G. Andrew Duthie 2003

This updated bestseller captures all the new changes to ASP.NET in detail, and includes a CD-ROM that integrates the book's contents into Visual Studio .NET's help files.

Professional ASP.NET MVC 5 - Jon Galloway 2014-07-15

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

ASP.NET Core Security - Christian Wenz 2022-07-26

ASP.NET Core Security teaches you the skills and countermeasures you need to keep your ASP.NET Core apps secure from the most common web application attacks. With this collection of practical techniques, you will be able to anticipate risks and introduce practices like testing as regular security checkups. You'll be fascinated as the author explores real-world security breaches, including rogue Firefox extensions and Adobe password thefts. The examples present universal security best practices with a sharp focus on the unique needs of ASP.NET Core applications.

Clean Architecture - Robert C. Martin 2017-09-12

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, 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.

Programming Entity Framework - Julia Lerman 2011-11-25
Annotation Code first is an additional means of building a model to be used with the Entity Framework and is creating a lot of excitement in the .NET development community. The reader will begin with an overview of what code first is, why it was created, how it fits into the Entity Framework and when to use it over the alternatives.

Build Your Own ASP.NET 4 Web Site Using C# & VB, 4th Edition - Timothy Posey 2011-09-30

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.

Mastering Visual Studio .NET - Ian Griffiths 2003-03-25
Mastering Visual Studio .NET provides you, as an experienced programmer, with all the information needed to get the most out of the latest and greatest development tool from Microsoft®. It doesn't matter if you're an MFC, C++, STL, ATL, COM, Win32, Visual Basic, C#, HTML, XML, ASP.NET, database, web application, Web service, NT service, stand-alone client, or component programmer targeting Windows® or one of the Windows variants (i.e. Windows CE or the PocketPC) -- this is the book that will help you master the toolkit. Written

by experienced developers and trainers John Flanders, Ian Griffiths, and Chris Sells, Mastering Visual Studio .NET begins with fundamental information about maximizing the power of Visual Studio .NET as it comes out of the box, including the following topics: projects and solutions files and the various file editors debugging web projects database projects setup projects To experience the full spectrum of functionality and extensibility, Mastering Visual Studio .NET provides you with the practical depth and detail needed to best put these features to work. The second section of the book is about extending VS.NET to suit your specific needs: integrating controls and components with VS.NET the VS.NET automation object model macros and add-ins custom wizards the Visual Studio Integration Program (VSIP) If you're serious about using the VS.NET toolkit, you'll want a book of this magnitude close by. Mastering Visual Studio .NET will take you beyond what you'll read in the standard documentation by offering hints and recommendations that the authors and the community at large have found to be useful after many years of experience.

Applied ASP.NET 4 in Context - Adam Freeman 2011-12-17
ASP.NET 4 is the latest version of Microsoft's revolutionary web technology. It is the principal technology for creating dynamic web pages on the Windows platform. Applied ASP.NET 4 In Context sets the standard for clear, simple, hands-on advice for learning and deploying Microsoft's dynamic web solutions. Seasoned .NET author Adam Freeman explains how to get the most from ASP.NET by focusing on the features you need for your project. He starts with the nuts and bolts and shows you everything through to advanced features, going in-depth to give you the knowledge you need to use

ASP.NET in a real-world context. Effective and powerful ASP.NET programming is easier than ever before with this informed and practical guide.

Pro ASP.NET Web API - Ali Uurlu 2013-11-26

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.

Mastering Visual Studio .NET - Ian Griffiths 2003

This book enables intermediate and advanced programmers the kind of depth that's really needed, such as advanced window functionality, macros, advanced debugging, and add-ins, etc. With this book, developers will learn the

VS.NET development environment from top to bottom.

Pro ASP.NET 4.5 in C# - Adam Freeman 2013-09-21

ASP.NET 4.5 remains Microsoft's preferred technology for creating dynamic websites, providing developers with unrivaled power and flexibility. Pro ASP.NET 4.5 in C# is the most complete reference to ASP.NET that you will find. This comprehensively revised fifth edition will teach you everything you need to know in order to create well-designed ASP.NET websites. Beginning with core concepts the book progresses steadily through key professional skills. You'll be shown how to query databases in detail, consider the myriad applications of XML, and step through all the considerations you need to be aware of when securing your site from intruders. Finally, you'll consider advanced topics such as using client-side validation, jQuery and Ajax. By the time you have read this book you will have learned all the skills you need to use ASP.NET 4.5 with confidence.

Building Web Applications with .NET Core 2.1 and JavaScript - Philip Japikse 2019-12-13

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 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.

ASP.NET Core and Vue.js - Devlin Basilan Duldulao
2021-06-16

A busy .NET developer's step-by-step guide to building fully functional, cloud-ready, and professional web apps without diving into the theory of frameworks and libraries Key Features Discover tenants of clean architecture in the latest ASP.NET Core 5 Web API Develop Vue.js 3 single-page applications (SPAs) using TypeScript and Vuex Learn techniques to secure, test, and deploy your full-stack web apps on Azure Book Description Vue.js 3 is faster and smaller than the previous version, and TypeScript's full support out of the box makes it a more maintainable and easier-to-use version of Vue.js. Then, there's ASP.NET Core 5, which is the fastest .NET web framework today. Together, Vue.js for the frontend and ASP.NET Core 5 for the backend make a powerful combination. This book follows a hands-on approach to implementing practical methodologies for

building robust applications using ASP.NET Core 5 and Vue.js 3. The topics here are not deep dive and the book is intended for busy .NET developers who have limited time and want a quick implementation of a clean architecture with popular libraries. You'll start by setting up your web app's backend, guided by clean architecture, command query responsibility segregation (CQRS), mediator pattern, and Entity Framework Core 5. The book then shows you how to build the frontend application using best practices, state management with Vuex, Vuetify UI component libraries, Vuelidate for input validations, lazy loading with Vue Router, and JWT authentication. Later, you'll focus on testing and deployment. All the tutorials in this book support Windows 10, macOS, and Linux users. By the end of this book, you'll be able to build an enterprise full-stack web app, use the most common npm packages for Vue.js and NuGet packages for ASP.NET Core, and deploy Vue.js and ASP.NET Core to Azure App Service using GitHub Actions. What you will learn Discover CQRS and mediator pattern in the ASP.NET Core 5 Web API Use Serilog, MediatR, FluentValidation, and Redis in ASP.NET Explore common Vue.js packages such as Vuelidate, Vuetify, and Vuex Manage complex app states using the Vuex state management library Write integration tests in ASP.NET Core using xUnit and FluentAssertions Deploy your app to Microsoft Azure using the new GitHub Actions for continuous integration and continuous deployment (CI/CD) Who this book is for This app development book is for .NET developers who want to get started with Vue.js and build full-stack enterprise web applications. Web developers looking to build a proof-of-concept application quickly and pragmatically using their existing knowledge of ASP.NET Core as well as developers

who want to write readable and maintainable code using TypeScript and the C# programming language will also find this book useful. The book assumes intermediate-level .NET knowledge along with an understanding of C# programming, JavaScript, and ECMAScript.

ASP.NET Core in Action - Andrew Lock 2021-03-18

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

MSDN Magazine - 2006

C# Web Development with ASP.NET - Jose Mojica 2003 Learn Microsoft's new C# language with this highly visual and accessible task-based guide. Task-based, visual, step-by-step guide to learning C#, this is ideal as an introductory guide for beginners, or as a handy reference for more experienced C# programmers.

Software Architecture with C# 10 and .NET 6 - Gabriel

Baptista 2022-03-15

Design scalable and high-performance enterprise applications using the latest features of C# 10 and .NET 6 Key Features Gain comprehensive software architecture knowledge and the skillset to create fully modular apps Solve scalability problems in web apps using enterprise architecture patterns Master new developments in front-end architecture and the application of AI for software architects Book Description Software architecture is the practice of implementing structures and systems that streamline the software development process and improve the quality of an app. This fully revised and expanded third edition, featuring the latest features of .NET 6 and C# 10, enables you to acquire the key skills, knowledge, and best practices required to become an effective software architect. Software Architecture with C# 10 and .NET 6, Third Edition features new chapters that describe the importance of the software architect, microservices with ASP.NET Core, and analyzing the architectural aspects of the front-end in the applications, including the new approach of .NET MAUI. It also includes a new chapter focused on providing a short introduction to artificial intelligence and machine learning using ML.NET, and updated chapters on Azure Kubernetes Service, EF Core, and Blazor. You will begin by understanding how to transform user requirements into architectural needs and exploring the differences between functional and non-functional requirements. Next, you will explore how to choose a cloud solution for your infrastructure, taking into account the factors that will help you manage a cloud-based app successfully. Finally, you will analyze and implement software design patterns that will allow you to solve common development problems. By the end of

this book, you will be able to build and deliver highly scalable enterprise-ready apps that meet your business requirements. What you will learn Use proven techniques to overcome real-world architectural challenges Apply architectural approaches such as layered architecture Leverage tools such as containers to manage microservices effectively Get up to speed with Azure features for delivering global solutions Program and maintain Azure Functions using C# 10 Understand when it is best to use test-driven development (TDD) Implement microservices with ASP.NET Core in modern architectures Enrich your application with Artificial Intelligence Get the best of DevOps principles to enable CI/CD environments Who this book is for This book is for engineers and senior software developers aspiring to become architects or looking to build enterprise applications with the .NET Stack. Basic familiarity with C# and .NET is required to get the most out of this book.

ASP.NET Cookbook - Michael A. Kittel 2004

Provides information on Web site development using ASP.NET 2.0.

Developing Web Applications with Visual Basic.NET and ASP.NET - John Alexander 2002-10-02

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

Introduction to ASP.NET - Kathleen Kalata 2005

Professional ASP.NET MVC 1.0 - Rob Conery 2009-07-01

This book begins with you working along as Scott Guthrie builds a complete ASP.NET MVC reference application. He begins NerdDinner by using the File->New Project menu command within Visual Studio to create a new ASP.NET MVC Application. You'll then incrementally add functionality and features. Along the way you'll cover how to create a database, build a model layer with business rule validations, implement listing/details data browsing, provide CRUD (Create, Update, Delete) data form entry support, implement efficient data paging, reuse UI using master pages and partials, secure the application using authentication and authorization, use AJAX to deliver dynamic updates and interactive map support, and implement automated unit testing. From there, the bulk of the rest of the book begins with the basic concepts around the model view controller pattern, including the little history and the state of the MVC on the web today. We'll then go into the ways that MVC is different from ASP.NET Web Forms. We'll explore the structure of a standard MVC application and see what you get out of the box. Next we dig deep into routing and see the role URLs play in your application. We'll deep dive into controllers and views and see what role the Ajax plays in your applications. The last third of the book focuses entirely on advanced techniques and extending the framework. In some places, we assume that you're somewhat familiar with ASP.NET WebForms, at least peripherally. There are a lot of ASP.NET WebForms developers out there who are interested in ASP.NET MVC so there are a number of places in this book where we contrast the two technologies. Even if you're not

already an ASP.NET developer, you might still find these sections interesting for context, as well as for your own edification as ASP.NET MVC may not be the web technology that you're looking for.

ASP.NET Core 5 Secure Coding Cookbook - Roman Canlas 2021-07-16

Learn how to secure your ASP.NET Core web app through robust and secure code Key FeaturesDiscover the different types of security weaknesses in ASP.NET Core web applications and learn how to fix themUnderstand what code makes an ASP.NET Core web app unsafeBuild your secure coding knowledge by following straightforward recipesBook Description ASP.NET Core developers are often presented with security test results showing the vulnerabilities found in their web apps. While the report may provide some high-level fix suggestions, it does not specify the exact steps that you need to take to resolve or fix weaknesses discovered by these tests. In ASP.NET Secure Coding Cookbook, you'll start by learning the fundamental concepts of secure coding and then gradually progress to identifying common web app vulnerabilities in code. As you progress, you'll cover recipes for fixing security misconfigurations in ASP.NET Core web apps. The book further demonstrates how you can resolve different types of Cross-Site Scripting. A dedicated section also takes you through fixing miscellaneous vulnerabilities that are no longer in the OWASP Top 10 list. This book features a recipe-style format, with each recipe containing sample unsecure code that presents the problem and corresponding solutions to eliminate the security bug. You'll be able to follow along with each step of the exercise and use the accompanying sample ASP.NET Core solution to practice writing secure code. By the end of this book, you'll be

able to identify unsecure code causing different security flaws in ASP.NET Core web apps and you'll have gained hands-on experience in removing vulnerabilities and security defects from your code. What you will learnUnderstand techniques for squashing an ASP.NET Core web app security bugDiscover different types of injection attacks and understand how you can prevent this vulnerability from being exploitedFix security issues in code relating to broken authentication and authorizationEliminate the risks of sensitive data exposure by getting up to speed with numerous protection techniquesPrevent security misconfiguration by enabling ASP.NET Core web application security featuresExplore other ASP.NET web application vulnerabilities and secure coding best practicesWho this book is for This ASP.NET Core book is for intermediate-level ASP.NET Core web developers and software engineers who use the framework to develop web applications and are looking to focus on their security using coding best practices. The book is also for application security engineers, analysts, and specialists who want to know more about securing ASP.NET Core using code and understand how to resolve issues identified by the security tests they perform daily.

Practical Software Factories in .NET - Gunther Lenz
2006-11-22

The Software Factory methodology is based on recognition of these similarities and a drive to extend the concept of "reusability" to the point where we achieve entirely automated product lines. Based on an analysis and understanding of the common features and techniques of a set of applications, a Software Factory defines a tailored, end-to-end methodology for building these applications. At the heart of the Software factory methodology is the concept of Domain Specific Languages

(DSLs), which in essence are development environments specifically tailored to the set of applications in hand. It removes a certain degree of flexibility but greatly enhances productivity by removing a lot of the coding complexity (for an analogy, consider the use of the now ubiquitous drag-and-drop controls in Winforms or Visual Basic). Further, in the SF methodology, patterns, process advice, and best practices can be harvested and applied for all applications in the set. There are some good books on the theory of SF already on the market. Up until this point, a lot of these concepts were fairly theoretical and abstract.

Professional ASP.NET MVC 4 - Jon Galloway 2012-09-17

An outstanding author team presents the ultimate Wrox guide to ASP.NET MVC 4 Microsoft insiders join giants of the software development community to offer this in-depth guide to ASP.NET MVC, an essential web development technology. Experienced .NET and ASP.NET developers will find all the important information they need to build dynamic, data-driven websites with ASP.NET and the newest release of Microsoft's Model-View-Controller technology. Featuring step-by-step guidance and lots of code samples, this guide gets you started and moves all the way to advanced topics, using plenty of examples. Designed to give experienced .NET and ASP.NET programmers everything needed to work with the newest version of MVC technology Expert author team includes Microsoft ASP.NET MVC insiders as well as leaders of the programming community Covers controllers, views, models, forms and HTML helpers, data annotation and validation, membership, authorization, security, and routing Includes essential topics such as Ajax and jQuery, NuGet, dependency injection, unit testing, extending MVC, and Razor Includes additional real-world coverage

requested by readers of the previous edition as well as a new case study example chapter

Professional ASP.NET 2.0 Design - Jacob J. Sanford

2007-08-27

This book is for anyone who wants to learn about using .NET for web interface design. Beginner or hobbyist .NET developers can certainly get a good foundation of .NET web interface design by going through this book from cover to cover. However, more seasoned .NET professionals, especially if they tend to steer away from the GUI of their projects, can also pick up a thing or two by focusing on certain chapters that appeal to them. This book is meant to take a reader from the beginning of a project to the completion of the interface design. Along the way, concepts are illustrated to show how the different pieces play together. So, anyone who really wants to understand the concepts presented in this book will be able to do so by reading the entire thing. However, this book should also serve as a good reference after you have read it or, in some cases, in place of reading it. All of the early chapters provide useful information and examples for any web developer. Many of the concepts presented after Chapter 4 are more specifically targeted at .NET developers. In the later chapters, the target audience is .NET developers or, at least, people who want to become .NET developers. In those chapters, you should probably have at least a basic understanding of the .NET Framework and some experience with Visual Studio 2005 (or possibly Visual Studio 2003). If you are completely new to .NET, you may find it useful to pick up a beginning ASP.NET 2.0 book before delving too deeply into those chapters. If you want to learn about .NET 2.0 web interface design, you are the intended audience. It

should be noted that all of the .NET code samples in this book are in C#. However, this shouldn't limit other developers, such as VB.NET developers, from understanding the concepts or being able to replicate the code in their own projects. The actual managed code examples are pretty limited and, when they are used, they should be fairly easy to port over to VB.NET. This book covers the concepts serious developers need to begin designing cool and consistent web layouts. The early chapters focus on general web design standards that you need to grasp in order to move into the later chapters. Specifically, these concepts are: Basic web design considerations (colors, fonts, images, accessibility, and so on) (Chapter 2) Photoshop basics to get you started making your own graphics and color schemes (Chapter 3) Cascading Style Sheets (CSS) and their use in web design layout (Chapter 4) When you finish these chapters, you will have the basic shell for the project that you will continue to develop throughout the book. You will have the header graphic, color scheme, and CSS layout that you will begin to incorporate .NET-specific concepts to in the later chapters. This includes: How to make .NET controls render accessible CSS code rather than their default: tables (Chapter 5) Using the built-in controls of .NET to create easily maintainable and consistent site navigation (and how to make them render CSS divs instead of tables) (Chapter 6) Creating your web site template with Master Pages (Chapter 7) Creating themes and skins to style your .NET controls (Chapter 8) Applying themes to your projects through various approaches, including base classing (Chapter 9) The final "regular" chapter ends with you building an entirely new mobile device theme using all of the concepts learned in the previous

chapters. In Chapter 10, you will start with modifying your graphic to better fit the resolution of your mobile devices. You will also learn how to modify your stylesheets and apply them programmatically to be used only for this theme. You

Professional DotNetNuke ASP.NET Portals - Shaun Walker
2005-06-14

Professional DotNetNuke ASP.NET Portals DotNetNuke, the popular ASP.NET open source application, is sweeping through the ranks of ASP.NET and Web developers. Whether you've never programmed your own Web site before or you are an experienced ASP.NET developer, you'll find DotNetNuke and this book have something to offer you. You'll get started with invaluable hands-on insight for installing DotNetNuke on the server and then move on to developing and administering portals created with DotNetNuke. Written by the creator and programmers of the DotNetNuke project, the book discusses operating a DotNetNuke portal. You'll see how DotNetNuke gives you a flexible architecture for rapidly developing Web applications and you'll find ways to extend the portal framework by developing modules that plug into DotNetNuke. Step-by-step instructions to administer

DotNetNuke in various real-world scenarios will help you save time developing your own DotNetNuke ASP.NET sites. What you will learn from this book * How to easily develop a dynamic content managed Web site * Management of user membership and permissions * Other features you can add to a DotNetNuke site including discussion forums, RSS feeds, calendars, and more * How to instantly change your Web site user interface with skins * Techniques for hosting multiple Web sites from a single account with the multiple portal capability Who this book is for Web developers or administrators who have never used ASP or ASP.NET can use this book to create their first ASP.NET portal site with no programming skill required. Experienced ASP.NET developers can use this to create ASP.NET sites quickly and efficiently using DotNetNuke. Wrox Professional guides are planned and written by working programmers to meet the real-world needs of programmers, developers, and IT professionals. Focused and relevant, they address the issues technology professionals face every day. They provide examples, practical solutions, and expert education for new technologies, all designed to help programmers do a better job.