Ajax And Jquery Springer

Building on your existing SQL skills, this book teaches you how to apply useful jQuery techniques to applications developed using the Oracle Application Express (APEX) development tool. Pro jQuery in Oracle Application Express covers the fundamentals you need to start enhancing your applications, with some practical examples that you'll want in your own applications tomorrow. jQuery is a framework already utilized by APEX, and by learning the basics of jQuery you can leverage the flexible dynamic actions provide and see your applications raise the bar. Discover why you should embrace HTML5, CSS, and jQuery library capabilities, and how they can enhance the user experience. Oracle Application Express is a mature, browser-based, rapid-development environment with a strong community base around the #orclapex tag. jQuery is a language for the browser, with it you can treat your web page as if it were a database, interacting with a range of features and functions that can make you into a more constructive, more efficient developer. Exemplifies how productive APEX, CSS, and jQuery can be Transforms your PL/SQL skills to CSS and jQuery Provides jQuery snippets to enhance your application UX

This book teaches you all the essential knowledge required to learn and apply time-proven SOLID principles of object-oriented design and important design patterns in ASP.NET Core 1.0 (formerly ASP.NET 5) applications. You will learn to write server-side as well as client-side code that makes use of proven practices and patterns. SOLID is an acronym popularized by Robert Martin used to describe five basic principles of good object-oriented design--Single Responsibility, Open/Closed, Liskov Substitution, Interface Segregation and Dependency Inversion. This book covers all five principles and illustrates how they can be used in ASP.NET Core 1.0 applications. Design Patterns are time proven solutions to commonly occurring software design problems. The most well-known catalog of design patterns comes from Erich Gamma, Richard Helm, Ralph Johnson and John Vlissides, the so-called as GoF patterns (Gang of Four patterns). This book contains detailed descriptions of how to apply Creational, Structural and Behavioral GoF design patterns along with some Patterns of Enterprise Application Architecture. Popular JavaScript patterns are covered, along with working examples of all these patterns in ASP.NET Core 1.0 and C# are included. What You Will Learn: How to apply SOLID principles to ASP.NET applications How to use Gang of Four (GoF) design patterns in ASP.NET applications Techniques for applying Patterns of Enterprise Application Architecture cataloged by Martin Fowler in ASP.NET applications How to organize code and apply design patterns in JavaScript Who This Book Is For:This book is for ASP.NET developers familiar with ASP.NET Core 1.0, C# and Visual Studio.

A unique book-and-DVD package offers a new level of learning JavaScript JavaScript has matured from making Web

pages dynamic to making them interactive, providing users with a rich and memorable Web experience. This unique book-and-DVD package prepares you for the new generation of Web browser changes that are occurring on the ever-evolving Web and shows you how JavaScript is an essential component of those changes. Veteran author Jeremy McPeak provides you with helpful lessons in the text, and the DVD offers instructional demonstrations so you can see how JavaScript works in the real world. Begins with the fundamentals of programming with the JavaScript language Builds on basic concepts and applies them to creating Web applications and programming the browser with JavaScript Offers invaluable advice for avoiding common mistakes, debugging code, and handling errors Includes enhanced coverage of each lesson on the DVD, which also offers detailed examples Explores JavaScript best practices With the book-and-DVD package of JavaScript 24-Hour Trainer, you'll benefit from a total learning experience!

Explains how to build complex scripting functionality with minimal coding, providing coverage of functions ranging from incorporating Ajax apps and overcoming the limits of HTML and CSS to building plug-ins and using animation. Original. Assemble the complete stack required to build a modern web app using MongoDB, Express, React, and Node. This book also covers many other complementary tools: React Router, GraphQL, React-Bootstrap, Babel, and Webpack. This new edition will use the latest version of React (React 16) and the latest React Router (React Router 4), which has a significantly different approach to routing compared to React Router 2 which was used in the first edition of the book. Though the primary focus of Pro MERN Stack is to equip you with all that is required to build a full-fledged web application, a large portion of the book will be devoted to React 16. The popular MEAN (MongoDB, Express, AngularJS, Node) stack introduced Single Page Apps (SPAs) and front-end Model-View-Controller (MVC) as new and efficient paradigms. Facebook's React is a technology that competes indirectly with AngularJS. It is not a full-fledged MVC framework. It is a JavaScript library for building user interfaces (in some sense the View part). Yet, it is possible to build a web app by replacing AngularJS with React – hence the term MERN stack What You Will Learn Discover the features of React 16 to get the maximum out of this library Gain the basics of MongoDB, Express, and Node to build a web app Work with other libraries complementary to React, including React-Bootstrap, React Router, and GraphQL Use tools such as Babel and Webpack required to build JavaScript-based SPAs Tie all the components together to build a complete web app. Who This Book Is For Developers and architects who have prior experience in any web app stack other than the MERN stack will find the book useful to learn about this modern stack. Prior knowledge of JavaScript, HTML, and CSS is required.

Get ahead in HTML5, including markup, styling, and scripting, with many practical examples and best practice insights. You'll quickly understand HTML5 markup elements and when to use them, and then apply the latest CSS3 features to

create amazing web pages. Pro HTML5 with CSS, JavaScript, and Multimedia teaches the fundamentals of client-side scripting and covers the immense functionality available with HTML5. Learn to use JavaScript to create web applications that are dynamic and interactive, and add advanced features, including audio, video, SVG, and drag and drop capabilities. Using practical hands-on demonstrations you will access a larger set of technologies to create more diverse and powerful websites and applications. What You'll Learn How, and when, to use all the HTML5 markup tags Use CSS3 features to simplify website design Master JavaScript fundamentals and advanced features Use SVG and the canvas tag to incorporate graphics/liliLeverage the native browser support for Geolocation, IndexedDB, and drag and drop capabilities/li/uldivbWho This Book Is For/b/divdivbr/divWeb developers and designers who want to increase their HTML5 skills to create modern interactive websitesdivbr

Quickly find solutions to dozens of common programming problems encountered while building Java applications. Content is presented in the popular problem-solution format. Look up the programming problem that you want to resolve. Read the solution. Apply the solution directly in your own code. Problem solved! This revised edition covers important new features such as Java 9's JShell and the new modularity features enabling you to separate code into independent modules that perform discrete tasks. Also covered are the new garbage collection algorithm and completely revamped process API. Enhanced JSON coverage is provided as well as a new chapter on JavaServer Faces development for web applications. What You'll Learn Develop Java SE applications using the latest in Java SE technology Exploit advanced features like modularity and lambdas Use JShell to quickly develop solutions Build dynamic web applications with JavaScript and Project Nashorn Create great-looking web interfaces with JavaServer Faces Generate graphics and work with media such as sound and video Add internationalization support to your Java applications Who This Book Is For Both beginning Java programmers and advanced Java developers

Discover the RESTful technologies, including REST, JSON, XML, JAX-RS web services, SOAP and more, for building today's microservices, big data applications, and web service applications. This book is based on a course the Oracle-based author is teaching for UC Santa Cruz Silicon Valley which covers architecture, design best practices and coding labs. Pro RESTful APIs: Design gives you all the fundamentals from the top down: from the top (architecture) through the middle (design) to the bottom (coding). This book is a must have for any microservices or web services developer building applications and services. What You'll Learn Discover the key RESTful APIs, including REST, JSON, XML, JAX, SOAP and more Use these for web services and data exchange, especially in today's big data context Harness XML, JSON, REST, and JAX-RS in examples and case studies Apply best practices to your solutions' architecture Who This Book Is For Experienced web programmers and developers.

Beginning Django E-Commerce guides you through producing an e-commerce site using Django, the most popular Python web development framework. Topics covered include how to make a shopping cart, a checkout, and a payment processor; how to make the most of Ajax; and search engine optimization best practices. Throughout the book, you'll take each topic and apply it to build a single example site, and all the while you'll learn the theory behind what you're architecting. Build a fully functional e-commerce site. Learn to architect your site properly to survive in an increasingly competitive online landscape with good search engine optimization techniques. Become versed in the Django web framework and learn how you can put it to use to drastically reduce the amount of work you need to do to get a site up and running quickly.

Beginning jQuery is your step-by-step guide to learning the jQuery library. jQuery is the most popular JavaScript library in the web developer's toolkit. Jack Franklin takes you from the basics of getting you started with jQuery, right through to extending jQuery by writing your own plug-ins. You'll discover best practices you can follow, how you can avoid common mistakes, and you'll learn about so many of the things that jQuery has to offer, including how you can: Use jQuery's powerful tools to dynamically update content on your site, including DOM manipulation. Extend jQuery's capabilities by writing your own plugins on top of the framework. Animate elements and build your own jQuery slider. Employ best practices and avoid common errors made by beginners. JavaScript is a powerful language but every web developer must navigate the tricky issues around cross-browser inconsistencies. Beginning jQuery teaches you how to use jQuery to avoid spending your time fixing these browser bugs - letting you concentrate on what really matters to you. Throughout Beginning jQuery, you'll discover how expressive yet concise jQuery's code is and how much quicker and efficient you can develop with jQuery!

Machine Learning Projects for .NET Developers shows you how to build smarter .NET applications that learn from data, using simple algorithms and techniques that can be applied to a wide range of real-world problems. You'll code each project in the familiar setting of Visual Studio, while the machine learning logic uses F#, a language ideally suited to machine learning applications in .NET. If you're new to F#, this book will give you everything you need to get started. If you're already familiar with F#, this is your chance to put the language into action in an exciting new context. In a series of fascinating projects, you'll learn how to: Build an optical character recognition (OCR) system from scratch Code a spam filter that learns by example Use F#'s powerful type providers to interface with external resources (in this case, data analysis tools from the R programming language) Transform your data into informative features, and use them to make accurate predictions Find patterns in data when you don't know what you're looking for Predict numerical values using regression models Implement an intelligent game that learns how to play from experience Along the way, you'll

learn fundamental ideas that can be applied in all kinds of real-world contexts and industries, from advertising to finance, medicine, and scientific research. While some machine learning algorithms use fairly advanced mathematics, this book focuses on simple but effective approaches. If you enjoy hacking code and data, this book is for you.

Web Standards: Mastering HTML5, CSS3, and XML provides solutions to the most common website problems, and gives you a deep understanding of web standards and how they can be applied to improve your website. You will learn how to create fully standards-compliant websites and provide search engine-optimized Web documents with faster download times, accurate rendering, correct appearance and layout, lower development cost, approved accessibility, backward and forward compatibility, and easy maintenance and content updating. The book covers all major Web standards, focusing on syntax, grammar, recommended annotations, and other standardization concerns. Web Standards: Mastering HTML5, CSS3, and XML is also a comprehensive guide to current and future standards for the World Wide Web. As a web developer, you'll have seen problems with inconsistent appearance and behavior of the same site in different browsers. Web standards can and should be used to completely eliminate these problems. Web Standards: Mastering HTML5, CSS3, and XML describes how you can make the most of web standards, through technology discussions as well as practical sample code that you can use for your own sites and web applications. It also provides a quick guide to standard website creation for Web developers. Learn techniques and best practices to achieve full standards compliance Write valid markup, styles, and news feeds from scratch or standardize websites by redesign Restrict markup to semantics and provide reliable layout

JavaScript Quick Syntax Reference is a condensed syntax reference to the JavaScript language. It presents the essentials of JavaScript in a well-organized format that can be used as a handy reference. This includes the latest ECMAScript 5, JSON (JavaScript Object Notation) and DOM (Document Object Model) specifications and implementations. You won't find any technical jargon, bloated samples, drawn out history lessons or witty stories in this book. What you will find is a JavaScript reference that is concise, to the point and highly accessible. The book is packed with useful information and is a must-have for any JavaScript programmer or Web developer. In JavaScript Quick Syntax Reference, you will find a concise reference to JavaScript programming language syntax; has short, simple and focused code examples; and includes a well laid out table of contents and a comprehensive index allowing easy review.

* This best-selling title has comprehensive discussions about PHP 5, MySQL 5, and how these two popular open source technologies work together to create powerful websites. * Updated to reflect the new features found in MySQL's most significant release to date. Readers are introduced to advanced database features like triggers, stored procedures, and views. They learn how to integrate these new capabilities into their PHP-driven web applications. The book also

discusses PHP's new MySQL extension, mysqli, which is required for MySQL versions 4.1 and higher. * Packed with hundreds of practical examples covering all aspects of web development, including forms management, templating, database integration, Web services, security, and session handling.

Big Data collected by customer-facing organisations – such as smartphone logs, store loyalty card transactions, smart travel tickets, social media posts, or smart energy meter readings – account for most of the data collected about citizens today. As a result, they are transforming the practice of social science. Consumer Big Data are distinct from conventional social science data not only in their volume, variety and velocity, but also in terms of their provenance and fitness for ever more research purposes. The contributors to this book, all from the Consumer Data Research Centre, provide a first consolidated statement of the enormous potential of consumer data research in the academic, commercial and government sectors – and a timely appraisal of the ways in which consumer data challenge scientific orthodoxies. Praise for Consumer Data Research 'An insightful, state-of-the-art guide into the social and commercial value of applying geographical thinking to the study of consumer data.' Professor Richard Harris, University of Bristol 'An excellent guide to leveraging the value of academic research on valid data. Partnerships based around consumer data should be encouraged and supported by all and their outputs used to better the way we manage the world we live in.' Bill Grimsey, retailer and author of The Vanishing Highstreet 'The use of data from everyday consumer transactions is a potential game-changer for understanding economic and social patterns and trends. This is an excellent overview of the field.' Dr.Tom Smith, Managing Director, Office for National Statistics Data Science Campus

jQuery is one of today's most popular JavaScript web application development frameworks and libraries. jQuery Recipes can get you started with jQuery quickly and easily, and it will serve as a valuable long-term reference. The book begins with small initial problems that developers typically face while working with jQuery, and gradually goes deeper to explore more complex problems. The solutions include illustrations and clear, concise explanations of the code. Using this book and jQuery, your web sites will be more dynamic and lively.

Build a voice-controlled virtual assistant using speech-to-text engines, text-to-speech engines, and conversation modules. This book shows you how to program the virtual assistant to gather data from the internet (weather data, data from Wikipedia, data mining); play music; and take notes. Each chapter covers building a mini project/module to make the virtual assistant better. You'll develop the software on Linux or OS X before transferring it to your Raspberry Pi, ready for deploying in your own home-automation or Internet of Things applications. Building a Virtual Assistant for Raspberry Pi walks you through various STTs and TTSs and the implementation of these components with the help of Python. After that you will start implementing logic for handling user queries and commands, so that the user can have conversations with Melissa. You will then work to improve logic handling to

detect what the user wants Melissa to do. You will also work on building some useful applications/modules for Melissa, which will allow you to gain interesting information from Melissa such as the time, weather information, and data from Wikipedia. You will develop a music playing application as well as a note taking application for Melissa, laying the foundations for how Melissa can be further extended. Finally, you will learn how to deploy this software to your Raspberry Pi and how you can further scale Melissa to make her more intelligent, interactive and how you can use her in other projects such as home automation as well. What You'll Learn Design the workflow and discover the concepts of building a voice controlled assistant Develop modules for having conversations with the assistant Enable the assistant to retrieve information from the internet Build utilities like a music player and a note taking application for the virtual assistant Integrate this software with a Raspberry Pi Who This Book Is For Anyone who has built a home automation project with Raspberry Pi and now want to enhance it by making it voice-controlled. The book would also interest students from computer science or related disciplines.

This book constitutes the thoroughly refereed post-conference proceedings of the 15th Nordic Conference in Secure IT Systems, NordSec 2010, held at Aalto University in Espoo, Finland in October 2010. The 13 full papers and 3 short papers presented were carefully reviewed and selected from 37 submissions. The volume also contains 1 full-paper length invited talk and 3 revised selected papers initially presented at the OWASP AppSec Research 2010 conference. The contributions cover the following topics: network security; monitoring and reputation; privacy; policy enforcement; cryptography and protocols.

Avigate the tricky issues around cross-browser inconsistencies and use jQuery to avoid wasting time fixing these bugs. This book is your step-by-step guide to learning the jQuery library and allows you to concentrate on what really matters to you, mastering the most popular JavaScript library in a web developer's toolkit. Throughout this book, you'll discover how expressive yet concise jQuery's code is and how much quicker and efficiently you can develop with jQuery. Beginning jQuery takes you from the basics of getting you started with jQuery, right through to extending jQuery by writing your own plug-ins. You'll discover best practices you can follow, how you can avoid common mistakes, and learn about the many other assets that jQuery has to offer. This second edition is completely updated for jQuery version 3.x, including integration with npm, using Yeoman and Jasmine, and guidelines for working with the Dataset API specification.

With this second edition of the popular DOM Scripting: Web Design with JavaScript and the Document Object Model comes a modern revision to update best practices and guidelines. It includes full coverage of HTML5 in a new, dedicated chapter, and details on JavaScript libraries and how they can help your scripting. The book provides everything you'll need to start using JavaScript and the Document Object Model to enhance your web pages with client-side dynamic effects and user-controlled animation. It shows how JavaScript, HTML5, and Cascading Style Sheets (CSS) work together to create usable, standards-compliant web designs. We'll also cover cross-browser compatibility with DOM scripts and how to make sure they degrade gracefully when JavaScript isn't available. DOM Scripting: Web Design with JavaScript and the Document Object Model focuses on JavaScript for adding dynamic effects and manipulating page structure on the fly using the Document Object Model. You'll start

with a crash course in JavaScript and the DOM, then move on to several real-world examples that you'll build from scratch, including dynamic image galleries and dynamic menus. You'll also learn how to manipulate web page styles using the CSS DOM, and create markup on the fly. If you want to create websites that are beautiful, dynamic, accessible, and standards-compliant, this is the book for you!

HTML5 Programming for ASP.NET Developers teaches you to harness the power and flexibility of HTML5 in your ASP.NET Web Forms and ASP.NET MVC applications. Focusing on the programmable features of HTML5 that will be most useful to you as an ASP.NET developer, this book will take you straight to the heart of what you can get out of this new technology. HTML5 is an emerging web standard that has received a great deal of attention from browser companies and the developer community, encompassing HTML, JavaScript enhancements and CSS3 specifications. But HTML5 isn't just about markup. A major part of HTML5 is its programmable features and APIs, which make up the core of this book. HTML5 Programming for ASP.NET Developers will show you how to: Add interactivity and media to your sites using the Canvas and Audio and Video APIs. Make your web applications work offline, understand client side storage options using web storage, and work with local files using the File API. Use the Communication API and Web Sockets for easier communication between server and client. Other topics include multithreading with Web Workers, understanding the new input types, using Geolocation, and enhancing your web forms and views with CSS3. All major browsers already support HTML5 to varying degrees and are aggressively working to provide full-fledged standardized support. Start using HTML5 in your projects today, and build future-ready web applications that take advantage of the exciting features that HTML5 has to offer.

This is a hands-on book which introduces you to agile JavaScript web and mobile software development using the latest cutting-edge front-end and back-end technologies including: Node.js, MongoDB, Backbone.js, Parse.com, Heroku and Windows Azure. Practical examples include building multiple versions of the Chat app:•jQuery + Parse.com JS REST API•Backbone and Parse.com JS SDK•Backbone and Node.js•Backbone and Node.js + MongoDB The Chat application has all the foundation of a typical web/mobile application: fetching data, displaying it, submitting new data. Other examples in the book are as follows:•jQuery + Twitter RESP API "Tweet Analyzer"•Parse.com "Save John"•MongoDB "Print Collections"•Backbone.js "Apple Database"•Monk + Express.js "REST API Server" This book will save you many hours by providing a hand-picked and tested collection of quick start guides. RPJS has practical examples that allow to spend less time learning and more time building your own applications. Prototype fast and ship code that matters! What You will Learn: You should expect a basic understanding from a collection of quick start guides, tutorials and suggestions for the devel0pment apps discussed in this book. In addition to coding examples, the book covers virtually all setup and deployment step-by-step. You'll learn from the examples of Chat web/mobile applications starting with front-end components and by the end we'll put front-end and back-end together and deploy to the production environment. Who This Book is For: The typical programmer who wants to learn more about effective JavaScript coding.

This is the most up-to-date book on JavaScript available, covering current standards, techniques, and practices. It provides all you need to know to hit the ground running, without making you trawl through hundreds of pages of syntax. The book contains multiple chapters on Ajax and DOM Scripting, which are two of the hottest web development and design tools available today. Using a pragmatic and thorough approach, the book ensures that even the most novice JavaScript programmers will become familiar and comfortable using the tools presented.

This "learn by example" book offers 10 complete JavaScript projects that will save web developers countless hours of development time. These projects can serve as samples to learn from and/or be adapted for use in other projects. The 10 projects all address common needs in modern web applications, including a utility library, a validation framework, a GUI widget framework, a dynamic event calendar application, a drag and drop shopping cart, and more! Coverage details JavaScript best practices, Ajax techniques, and some of the most popular JavaScript libraries, such as Prototype, Script.aculo.us, and the Yahoo YUI library.

This book is about the next generation of the Google Maps API. It will provide the reader with the skills and knowledge necessary to incorporate Google Maps version 3 on web pages in both desktop and mobile browsers. It also describes how to deal with common problems that most map developers encounter at some point, like performance and usability issues with having too many markers and possible solutions to that. Introduction to the Google Maps API version 3 Solutions to common problems most developers encounters (too many markers, common JavaScript pitfalls) Best practices using HTML/CSS/JavaScript and Google Maps

JavaScript is the engine behind every web app, and a solid knowledge of it is essential for all modern web developers. Pro JavaScript for Web Apps gives you all of the information that you need to create professional, optimized, and efficient JavaScript applications that will run across all devices. It takes you through all aspects of modern JavaScript application creation, showing you how to combine JavaScript with the new features of HTML5 and CSS3 to make the most of the new web technologies. The focus of the book is on creating professional web applications, ensuring that your app provides the best experience for your users, with smooth and responsive control and feedback and an intuitive and optimized interface. You will learn how to take a basic application and bring it up to a professional level while making sure that it remains bullet-proof and bug free. Pro JavaScript for Web Apps will also enhance your development workflow using jQuery to streamline the process and freeing you to spend more time on the important parts of your app while the framework deals with the mundanity. The best app experiences are a combination of a beautiful idea with flawless execution. If you have the ideas, Pro JavaScript for Web Apps will help you craft them into a phenomenal app.

Like many other incipient technologies, Web services are still surrounded by a substantial level of noise. This noise results from the always dangerous combination of wishful thinking on the part of research and industry and of a lack of clear understanding of how Web services came to be. On the one hand, multiple contradictory interpretations are created by the many attempts to realign existing technology and strategies with Web services. On the other hand, the emphasis on what could be done with Web services

in the future often makes us lose track of what can be really done with Web services today and in the short term. These factors make it extremely difficult to get a coherent picture of what Web services are, what they contribute, and where they will be applied. Alonso and his co-authors deliberately take a step back. Based on their academic and industrial experience with middleware and enterprise application integration systems, they describe the fundamental concepts behind the notion of Web services and present them as the natural evolution of conventional middleware, necessary to meet the challenges of the Web and of B2B application integration. Rather than providing a reference guide or a "how to write your first Web service" kind of book, they discuss the main objectives of Web services, the challenges that must be faced to achieve them, and the opportunities that this novel technology provides. Established, as well as recently proposed, standards and techniques (e.g., WSDL, UDDI, SOAP, WS-Coordination, WS-Transactions, and BPEL), are then examined in the context of this discussion in order to emphasize their scope, benefits, and shortcomings. Thus, the book is ideally suited both for professionals considering the development of application integration solutions and for research and students interesting in understanding and contributing to the evolution of enterprise application technologies.

jQuery is one of the most popular and powerful JavaScript libraries available today. It's widely used to create rich user experiences and to simplify website and application development. It is the tool of choice for web developers everywhere and sets the standard for simplicity, flexibility and extensibility. This book demonstrates how jQuery can be used with HTML5 to achieve excellent results. In Pro jQuery, seasoned author Adam Freeman explains how to get the most from jQuery 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. Getting the most from jQuery is essential to truly mastering web development.

jQuery is the most popular JavaScript library in use today, appearing on nearly two thirds of the 10,000 most visited sites on the web. With this sort of popularity, it's clear that ASP.NET developers can't afford to miss out. By combining jQuery with ASP.NET you get the best of both worlds: the client-side interactivity and responsiveness of JavaScript with the robustness and extensibility of Microsoft's web stack. Beginning jQuery 2 for ASP.NET Developers shows you how. To begin with, you'll find out how jQuery hooks up with your ASP.NET controls, and simplifies event handling by keeping it in the browser. Then you'll learn to handle dynamic content and responsive layouts by interacting with the DOM. Effects and animations are one of the most popular uses of the jQuery library, so we cover that next—showing you how to get a sleek modern look and feel to your site using some of the vast library of JavaScript that's already out there waiting to be used. Ajax is one of the areas where jQuery really shines, so you'll find out how to make Ajax calls to a web service and get data onto a page without waiting for slow ASP.NET postbacks every time. And no book on jQuery would be complete without jQuery Mobile: the popular mobile web framework that gets you writing sites that work across all the major mobile platforms. What you'll learnSelect DOM elements using powerful jQuery selectorsUse jQuery with ASP.NET server controls, ASP.NET MVC form fields and other DOM elementsManipulate and traverse the DOM tree and add jQuery effects to ASP.NET web pagesMake Ajax calls and pass JSON data to Web Services, Web Methods, WCF

services, controller action methods, HTTP handlers and Web APIs Understand code reuse by creating and using jQuery plugins Get introduced to jQuery UI and jQuery mobile and use them in ASP.NET Web Forms and MVC applicationsWho this book is for This book is for novice to intermediate developers who want to improve and enhance their ASP.NET Web Forms and ASP.NET MVC projects with client-side scripting. Table of ContentsChapter 1. The JavaScript You Need to Know Chapter 2. A First Look at jQuery Chapter 3. ASP.NET Controls and jQuery Selectors Chapter 4. How jQuery Simplifies Event Handling Chapter 5. The DOM and Dynamic Content Chapter 6. More DOM and Useful jQuery Methods Chapter 7. Great-looking ASP.NET Pages with jQuery Effects and Animations Chapter 8. Making Ajax Calls to .NET Web Services Chapter 9. Creating and Using jQuery Plug-ins Chapter 10. jQuery UI and jQuery Mobile Chapter 11. Useful jQuery and ASP.NET Recipes Appendix: Learning Resources PHP is a server-side scripting language that enables you to develop dynamic sites that engage users in ways that are simply not possible using only HTML and CSS. PHP for Absolute Beginners takes a practical approach to teaching you how to build dynamic content for your website using PHP. You'll quickly get started with practical PHP projects, learning how to build a dynamic image gallery. By the end of the book you'll will have developed a personal blog complete with a password protected admin module. PHP for Absolute Beginners won't swamp you with every detail of the full PHP language up front – instead, you'll be introduced to a small, versatile subset of PHP and learn to use it creatively to develop dynamic web sites. In the process you will learn to use variables, control structures, functions, and objects to your advantage. You will learn how to plan and create databases and how to organize your PHP scripts beautifully. At the end of the book, you will be a confident PHP user, ready to take the next steps in creating great websites.
With Pro JavaScript Design Patterns, you'll start with the basics of object-oriented programming in JavaScript applicable to design patterns, including making JavaScript more expressive, inheritance, encapsulation, information hiding, and more. The book then details how to implement and take advantage of several design patterns in JavaScript. Each chapter is packed with real-world examples of how the design patterns are best used and expert advice on writing better code, as well as what to watch out for. Along the way you'll discover how to create your own libraries and APIs for even more efficient coding.
jQuery was written to express, in short-order, the concepts essential to intermediate and advanced jQuery development. Its purpose is to instill in you, the reader, practices that jQuery developers take as common knowledge. Each chapter contains concepts essential to becoming a seasoned jQuery developer.This book is intended for two types of readers. The first is someone who has read introductory material on jQuery and is looking for the next logical step. The second type of reader is a JavaScript developer, already versed in another library, now trying to quickly learn jQuery. I crafted this book to be used as my own personal reference point for jQuery concepts. This is exactly the type of book I wish every JavaScript library had available. This updated and expanded second edition of Book provides a user-friendly introduction to the subject, Taking a clear structural framework, it guides the reader through the subject's core elements. A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts. This succinct and enlightening overview

is a required reading for all those interested in the subject . We hope you find this book useful in shaping your future career & Business.

Microsoft Azure Essentials from Microsoft Press is a series of free ebooks designed to help you advance your technical skills with Microsoft Azure. This third ebook in the series introduces Microsoft Azure Machine Learning, a service that a developer can use to build predictive analytics models (using training datasets from a variety of data sources) and then easily deploy those models for consumption as cloud web services. The ebook presents an overview of modern data science theory and principles, the associated workflow, and then covers some of the more common machine learning algorithms in use today. It builds a variety of predictive analytics models using real world data, evaluates several different machine learning algorithms and modeling strategies, and then deploys the finished models as machine learning web services on Azure within a matter of minutes. The ebook also expands on a working Azure Machine Learning predictive model example to explore the types of client and server applications you can create to consume Azure Machine Learning web services. Watch Microsoft Press's blog and Twitter (@MicrosoftPress) to learn about other free ebooks in the Microsoft Azure Essentials series.

Realtime Web Apps: With HTML5 WebSocket, PHP, and jQuery is a guide for beginner- to intermediate-level web developers looking to take the next leap forward in website and app development: realtime. With Realtime Web Apps, you'll be able to quickly get up to speed on what HTML5 WebSocket does, how it is going to affect the future of the web as we know it, and—thanks to Pusher's simple API—start developing your first realtime app today. Using a practical approach rather than focusing on dry theory, Realtime Web Apps will guide you through building your first app using HTML5, CSS3, jQuery, and Pusher. After your initial introduction to the technologies used in the book, you'll immediately jump into the process of creating a realtime Q&A app that will work on desktop browsers as well as mobile phones (including iOS and Android). In addition to learning realtime development strategies, you'll also learn progressive development strategies including responsive CSS3 layouts, AJAX development with jQuery, and more. The future of the web is realtime. Grab your hoverboard. Introduces you to the revolutionary capabilities of the HTML5 WebSocket API Gets you started with WebSocket immediately using the super-simple Pusher API Walks you through the development of a real-life realtime web app Gets you working with responsive layouts, jQuery, and AJAX development

This book addresses today's approach to JavaScript in detail: modern browser support, including information on Internet Explorer 7; Object-Oriented JavaScript; testing and debugging; unobtrusive JavaScript techniques using DOM Scripting; Ajax; creating and using blocks of reusable code, and the future of JavaScript. All the concepts expressed in this up-to-the-minute reference are thoroughly backed up with real world examples and full-scale case studies. The book offers

reusable functions for readers to use in their own projects, a significant time-saver. Also included are several reference sections that allow developers to look up details quickly and easily.

jQuery 2.0 is the latest version of the jQuery framework. Suitable for modern web browsers it provides a robust API for web application development. It is fast becoming the tool of choice for web developers the world over and sets the standard for simplicity,flexibility and extensibility in website design. In Pro jQuery 2.0 seasoned author, Adam Freeman, demonstrates how to get the most from jQuery 2.0 by focussing on the practical features of the technology and how they can be applied to solving real-world problems. In this comprehensive reference he goes in depth to give you the practical knowledge that you need. Each topic is covered clearly and concisely, and is packed with the details you'll need to learn to be truly effective. The most important features are given a no-nonsense, in-depth treatment, and chapters contain examples that demonstrate both the power and the subtlety of jQuery.

The two volume set, CCIS 288 and 289, constitutes the thoroughly refereed post-conference proceedings of the First International Conference on Communications and Information Processing, ICCIP 2012, held in Aveiro, Portugal, in March 2012. The 168 revised full papers of both volumes were carefully reviewed and selected from numerous submissions. The papers present the state-of-the-art in communications and information processing and feature current research on the theory, analysis, design, test and deployment related to communications and information processing systems.

Build a microservices architecture with Spring Boot, by evolving an application from a small monolith to an event-driven architecture composed of several services. This book follows an incremental approach to teach microservice structure, test-driven development, Eureka, Ribbon, Zuul, and end-to-end tests with Cucumber. Author Moises Macero follows a very pragmatic approach to explain the benefits of using this type of software architecture, instead of keeping you distracted with theoretical concepts. He covers some of the state-of-the-art techniques in computer programming, from a practical point of view. You'll focus on what's important, starting with the minimum viable product but keeping the flexibility to evolve it. What You'll Learn Build microservices with Spring Boot Use event-driven architecture and messaging with RabbitMQ Create RESTful services with Spring Master service discovery with Eureka and load balancing with Ribbon Route requests with Zuul as your API gateway Write end-to-end rests for an event-driven architecture using Cucumber Carry out continuous integration and deployment Who This Book Is For Those with at least some prior experience with Java programming. Some prior exposure to Spring Boot recommended but not required.

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

your web application goals as quickly as possible. Developers who want to learn ASP.NET Core and complementary technologies are often overwhelmed by the large number of options involved in building modern web applications. This book introduces you to the most popular options so that you can confidently begin working on projects in no time. You will learn by example, building a sample application that demonstrates how the same application can be built using different options. This experiential approach will give you the basic skills and knowledge to understand how the options work together so that you can make an informed decision about the available choices, their trade-offs, and code level comparison. After reading this book, you will be able to choose your selected learning path. What You Will Learn Develop data entry forms in ASP.NET Core, complete with validations and processing Perform CRUD operations using server-side options: ASP.NET Core MVC, Razor Pages, Web APIs, and Blazor Perform CRUD operations using client-side options: jQuery and Angular Secure web applications using ASP.NET Core Identity, cookie authentication, and JWT authentication Use RDBMS and NoSQL data stores: SQL Server, Azure SQL Database, Azure Cosmos DB, and MongoDB for CRUD operations Deploy ASP.NET Core web applications to IIS and Azure App Service Who This Book Is For Developers who possess a basic understanding of ASP.NET and how web applications work. Some experience with Visual Studio 2017 or higher, C#, and JavaScript is helpful.

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