

Sviluppare Applicazioni Con Angular Guida Alla Programmazione Web E Le

Explore an alternative method of front-end application development without using frameworks or third-party libraries. This book provides you with the required skills and freedom to consider a “no framework” approach when choosing a technology for creating a new project. You’ll work through the most important issues in a clear and sensible way, using practical methods and tools to gain an understanding of non-functional requirements. This book answers questions on important topics such as state management, making a routing system, creating a REST client using fetch, and reveals the trade-offs and risks associated with choosing the wrong framework or tool for your project, as well as providing sustainable, functional alternatives. Frameworkless Front-End Development breaks down the concept of technical debt and the ways in which a framework can impact the lifespan of a project. Along with gaining a comprehensive and clear guide on coding effectively from scratch without frameworks, you will also learn some principles of technical decision-making. What You’ll Learn Review how DOM manipulation works Manage the state of a front-end application with different patterns Safely migrate existing applications to a new framework or to frameworkless code Use decision-making tools such as a Framework Compass Chart and an Architectural Clash See how the choice of frameworks can affect the ‘health’ and lifespan of a codebase Who This Book Is For JavaScript developers; technical managers responsible for helping teams choose technology stacks for new projects; consultants intending to refactor existing JavaScript front-end codebases

Revised and updated second edition of the bestselling hands-on guide to building enterprise-ready web apps using an evergreen Angular platform Key Features Updated examples, projects, and a new overview of tools – including NgRX and Ivy, automated testing, and Firebase authentication New chapter summarizing history of web frameworks and Angular version updates All-new RESTful API implementation leveraging the MEAN stack with MongoDB, Express.js, Angular and Node.js Book Description This second edition of Angular for Enterprise-Ready Web Applications is updated with in-depth coverage of the evergreen Angular platform. You’ll start by mastering Angular programming fundamentals. Using the Kanban method and GitHub tools, you’ll build great-looking apps with Angular Material and also leverage reactive programming patterns with RxJS, discover the flux pattern with NgRx, become familiar with automated testing, utilize continuous integration using CircleCI, and deploy your app to the cloud using Vercel Now and GCloud. You will then learn how to design and develop line-of-business apps using router-first architecture with observable data anchors, demonstrated through oft-used recipes like master/detail views, and data tables with pagination and forms. Next, you’ll discover robust authentication and authorization design demonstrated via integration with Firebase, API documentation using Swagger, and API implementation using the MEAN stack. Finally, you will learn about DevOps using Docker, build a highly available cloud infrastructure on AWS, capture user behavior with Google Analytics, and perform load testing. By the end of the book, you’ll be familiar with the entire gamut of modern web development and full-stack architecture, learning patterns and practices to be successful as an individual developer on the web or as a team in the enterprise. What you will learn Adopt a minimalist, value-first approach to delivering web apps Master Angular development fundamentals, RxJS, CLI tools, GitHub, and Docker Discover the flux pattern and NgRx Implement a RESTful APIs using Node.js, Express.js, and MongoDB Create secure and efficient web apps for any cloud provider or your own servers Deploy your app on highly available cloud infrastructure using DevOps, CircleCI, and AWS Who this book is for This book is for developers who want to confidently deliver high-quality and production-grade Angular apps from design to deployment. Developers that have prior experience in writing a RESTful APIs will also benefit, as well as developers who will gain greater awareness of how they fit into the larger picture of delivering a web application. Prior experience with RESTful APIs is desired.

With the continued application of gaming for training and education, which has seen exponential growth over the past two decades, this book offers an insightful introduction to the current developments and applications of game technologies within educational settings, with cutting-edge academic research and industry insights, providing a greater understanding into current and future developments and advances within this field. Following on from the success of the first volume in 2011, researchers from around the world presents up-to-date research on a broad range of new and emerging topics such as serious games and emotion, games for music education and games for medical training, to gamification, bespoke serious games, and adaptation of commercial off-the shelf games for education and narrative design, giving readers a thorough understanding of the advances and current issues facing developers and designers regarding games for training and education. This second volume of Serious Games and Edutainment Applications offers further insights for researchers, designers and educators who are interested in using serious games for training and educational purposes, and gives game developers with detailed information on current topics and developments within this growing area.

Sviluppare applicazioni con AngularAngularGuida completa allo sviluppo e programmazione di siti internet dinamici e web app con AngularJS. Contiene esempi di codice ed esercizi praticiIndependently Published

Node.js is a wildly popular platform for writing web applications that has revolutionized web development in many ways, enjoying support across the open source community as well as industry. With Node.js Succinctly by Emanuele DelBono, you will learn the basics of Node.js: non-blocking I/O, the event loop, modules, and the Node.js runtime environment. From there, you will dive into building practical solutions that interact with filesystems and streams, access databases, handle web server message queuing, and more.

In questo manuale lo sviluppatore si mette alla prova con il mondo delle app mobile, attraverso un framework molto versatile, che consente di creare delle applicazioni partendo da zero: dai concetti di base all'utilizzo dei diversi elementi per costruire un'app robusta, accattivante e cross-platform. Ionic è uno strumento estremamente utile per chi ha già sviluppato applicazioni web, ma anche per chi ha poche basi e vuole cimentarsi nello sviluppo di un'app senza dover gestire due diverse piattaforme

A guide for experienced programmers demonstrates the core JavaScript language, offers examples of common tasks, and contains an extensive reference to JavaScript commands, objects, methods, and properties.

Se hai intenzione di realizzare un eCommerce e di portare il tuo business online non puoi non leggere Sell or Not. Importanti nozioni per approdare online con il giusto atteggiamento, le giuste competenze e conoscenze ed alcuni indicazioni esperienziali importanti per evitare che il tuo progetto fallisca ed i tuoi investimenti economici vadano in fumo. Vendere online è un obiettivo che molti si pongono ma che in pochi riescono a raggiungere e cogliere. Sviluppare un eCommerce non è l'elemento importante per vendere online ma lo è creare una Brand reputation forte,

costruire un autorevolezza online ed un pubblico intorno ai tuoi prodotti o servizi.

Masonry constructions are the great majority of the buildings in Europe's historical centres and the most important monuments in its architectural heritage and the demand for their safety assessments and restoration projects is pressing and constant. Nevertheless, there is a lack of a widely accepted approach to studying the statics of masonry structures. This book aims to help fill these gaps by presenting a new comprehensive, unified theory of statics of masonry constructions. The book, result of thirty years of research and professional experience, through an interdisciplinary approach combining engineering, architecture, advances from the simple to the complex and analyses statics of a large variety of masonry constructions, as arches, domes, cross and cloister vaults, piers, towers, cathedrals and buildings under seismic actions.

Learn proven patterns, techniques, and tricks to take full advantage of the Node.js platform. Master well-known design principles to create applications that are readable, extensible, and that can grow big. Key Features Learn how to create solid server-side applications by leveraging the full power of Node.js 14 Understand how Node.js works and learn how to take full advantage of its core components as well as the solutions offered by its ecosystem Avoid common mistakes and use proven patterns to create production grade Node.js applications Book Description In this book, we will show you how to implement a series of best practices and design patterns to help you create efficient and robust Node.js applications with ease. We kick off by exploring the basics of Node.js, analyzing its asynchronous event driven architecture and its fundamental design patterns. We then show you how to build asynchronous control flow patterns with callbacks, promises and async/await. Next, we dive into Node.js streams, unveiling their power and showing you how to use them at their full capacity. Following streams is an analysis of different creational, structural, and behavioral design patterns that take full advantage of JavaScript and Node.js. Lastly, the book dives into more advanced concepts such as Universal JavaScript, scalability and messaging patterns to help you build enterprise-grade distributed applications. Throughout the book, you'll see Node.js in action with the help of several real-life examples leveraging technologies such as LevelDB, Redis, RabbitMQ, ZeroMQ, and many others. They will be used to demonstrate a pattern or technique, but they will also give you a great introduction to the Node.js ecosystem and its set of solutions. What you will learn Become comfortable with writing asynchronous code by leveraging callbacks, promises, and the async/await syntax Leverage Node.js streams to create data-driven asynchronous processing pipelines Implement well-known software design patterns to create production grade applications Share code between Node.js and the browser and take advantage of full-stack JavaScript Build and scale microservices and distributed systems powered by Node.js Use Node.js in conjunction with other powerful technologies such as Redis, RabbitMQ, ZeroMQ, and LevelDB Who this book is for This book is for developers and software architects who have some prior basic knowledge of JavaScript and Node.js and now want to get the most out of these technologies in terms of productivity, design quality, and scalability. Software professionals with intermediate experience in Node.js and JavaScript will also find valuable the more advanced patterns and techniques presented in this book. This book assumes that you have an intermediate understanding of web application development, databases, and software design principles.

Bootstrap è un moderno e potente framework che permette di creare pagine web responsive, cioè adattabili a qualsiasi dispositivo: mobile, tablet o desktop. Creato dal team di Twitter e poi rilasciato sotto una licenza open source, è oggi uno strumento imprescindibile per gli sviluppatori front-end. Questo manuale insegna a utilizzare le varie funzionalità di Bootstrap per progettare e creare layout di vario tipo. Vengono presentati gli elementi nativi del framework partendo dalla struttura delle griglie e passando agli elementi di navigazione, i testi, le immagini, i form, per arrivare a pulsanti e componenti dinamici che consentono un controllo puntuale delle interazioni con l'utente. Non mancano consigli su come personalizzare i principali stili CSS. Il codice degli esempi è liberamente scaricabile online.

Impara a programmare e sviluppare applicazioni per il web con il linguaggio Angular JS Ti piacerebbe progettare e personalizzare applicazioni web? Vorresti scoprire tutte le funzionalità del linguaggio di programmazione Angular JS? Vuoi scoprire tutti i passaggi da fare per creare sistemi web, siti e applicazioni Angular JS? Il linguaggio di programmazione Angular JS ha moltissime funzionalità e potenzialità. Tutti possono imparare a sviluppare applicazioni web e front-end con Angular JS. Grazie a questo libro potrai scoprire tutte le funzionalità e caratteristiche del linguaggio di programmazione Angular JS. Il manuale inizia con una prima introduzione, proseguendo con una descrizione dettagliata su come fare per installarlo e tutte le sue caratteristiche e funzionalità. Tanti esempi pratici per rendere il libro diretto ed intuitivo. La scrittura semplice e dettagliata consentirà al lettore un apprendimento immediato e di mettere in pratica in modo efficace il linguaggio Angular JS. Alla fine della lettura sarai in grado di progettare, sviluppare e personalizzare applicazioni web di successo! Ecco che cosa otterrai da questo libro: Perché programmare con Angular JS Le basi del linguaggio Angular JS Dove scaricare Angular JS e come installarlo Le espressioni e le direttive Come inizializzare una variabile in un'espressione I passaggi per visualizzare o nascondere in modo condizionale un elemento HTML I controller Angular JS Che cosa è uno scope in Angular JS Gli oggetti: le proprietà Le funzioni callback I moduli: le loro funzionalità Aggiungere o modificare lo stile di un elemento Modifica del layout I passaggi della programmazione asincrona E molto di più! Angular JS è un linguaggio semplice e diffuso, proprio per questo molto richiesto. Oggi imparare ad utilizzarlo è fondamentale, con esso è infatti possibile sviluppare, programmare e progettare applicazioni web funzionali e dinamiche! Scorri verso l'alto e fai clic su "Acquista ora"!

This book features a selection of the best papers presented at two SIEV seminars held in Venice, Italy, in September 2017 and 2018, in the context of the Urbanpromo Green events. Bringing together experts from a diverse range of fields – economics, appraisal, architecture, energy, urban planning, sociology, and the decision sciences – and government representatives, the seminars encouraged reflections on the role of future cities in terms of sustainable development, with a particular focus on improving collective and individual well-being. The book provides a multidisciplinary approach to contemporary green urban agendas and urban sustainability, and addresses the demand for policies and strategies to strengthen resilience through concrete measures to reduce energy consumption, mitigate pollution, promote social inclusion and create urban identity.

By covering the impressive capabilities of ASP.NET Core 5 and Angular 11, right from project setup through to the deployment phase, this fully revised and updated edition will help you develop your skills effectively.

This excellent addition to the UTiCS series of undergraduate textbooks provides a detailed and up to date description of the main principles behind the design and implementation of modern programming languages. Rather than focusing on a specific language, the book identifies the most important principles shared by large classes of languages. To complete this general approach, detailed descriptions of the main programming paradigms, namely imperative, object-oriented, functional and logic are given, analysed in depth and compared. This provides the basis for a critical understanding of most of the programming languages. An historical viewpoint is also included, discussing the evolution of programming languages, and to provide a context for most of the constructs in use today. The book concludes with two chapters which introduce basic notions of syntax, semantics and computability, to provide a completely rounded picture of what constitutes a programming language. /div

Best-selling author, Walter Savitch, uses a conversational style to teach programmers problem solving and programming techniques with Java. Readers are introduced to object-oriented programming and important computer science concepts such as testing and debugging techniques, program style, inheritance, and exception handling. It includes thorough coverage of the Swing libraries and event driven programming. The Java coverage is a concise, accessible introduction that covers key language features. Thorough early coverage of objects is included, with an emphasis on applications over applets. The

author includes a highly flexible format that allows readers to adapt coverage of topics to their preferred order. Although the book does cover such more advanced topics as inheritance, exception handling, and the Swing libraries, it starts from the beginning, and it teaches traditional, more basic techniques, such as algorithm design. The volume provides concise coverage of computers and Java objects, primitive types, strings, and interactive I/O, flow of control, defining classes and methods, arrays, inheritance, exception handling, streams and file I/O, recursion, window interfaces using swing objects, and applets and HTML. For Programmers.

Angular 5 updates for this book are now available. Follow the Download source code link for this book on the Apress website. Get the most from Angular 2, the leading framework for building dynamic JavaScript applications. Best-selling author Adam Freeman begins by describing the MVC pattern and the benefits it can offer and then shows you how to use Angular in your projects, starting from the nuts-and-bolts and building up to the most advanced and sophisticated features, going in-depth to give you the knowledge you need. Each topic is covered clearly and concisely and is packed with the details you need to learn to be truly effective. The most important features are given a no-nonsense in-depth treatment and chapters include common problems and details of how to avoid them. What you'll learn Gain a solid architectural understanding of the MVC Pattern Learn how to create rich and dynamic web app clients using Angular 2 Learn how to extend and customize Angular 2 Learn how to test your Angular 2 projects Who this book is for Web developers with a foundation knowledge of HTML and JavaScript who want to create rich client-side applications.

Welcome to this one-stop-shop for learning Angular 9. Pro Angular 9 is the most concise and comprehensive guide available, giving you the knowledge you need to take full advantage of this popular framework for building your own dynamic JavaScript applications. The fourth edition of this popular guide explains how to get the most from Angular 9, starting with an in-depth overview of the MVC pattern and presenting the range of benefits it can offer. From there, you will begin learning how to use Angular in your projects, starting with the nuts-and-bolts concepts, and progressing on to more advanced and sophisticated features. Each topic in this full-color book provides you with precisely enough learning and detail to be effective. In true Adam Freeman style, the most important features are given full court press treatment, while also addressing common problems and how to avoid them. What You Will Learn: Gain a solid architectural understanding of the MVC Pattern Create rich and dynamic web app clients using Angular 9 Use the ng tools to create and build an Angular project Extend and customize Angular Acquire skills to unit test your Angular projects Who This Book Is For: This book is for web developers who want to create rich client-side applications. Foundational knowledge of HTML and JavaScript is recommended. "Adam's books provide a finely tuned blend of architectural overview, technical depth, and experience-born wisdom. His clear, concise writing style, coupled with project driven real world examples, make me comfortable recommending his books to a broad audience, ranging from developers working with a technology for the first time to seasoned professionals who need to learn a new skill quickly." Keith Dublin, Solution Principal, Slalom Consulting "Adam's books are the print version of a chat bot. His investment in learning how developers learn pays off in dividends, making this one of the most comprehensive resources available. Novices and experienced professionals alike will gain knowledge from the accessible and insightful material." Mark Donile, Software Engineer, MS CS

This book contributes to a deeper understanding of landscape and regional modelling in general, and its broad range of facets with respect to various landscape parameters. It presents model approaches for a number of ecological and socio-economic landscape indicators, and also describes spatial decision support systems (DSS), frameworks, and model-based tools, which are prerequisites for deriving sustainable decision and solution strategies for the protection of comprehensively functioning landscapes. While it mainly focuses on the latest research findings in regional modelling and DSS in Europe, it also highlights the work of scientists from Russia. The book is intended for landscape modellers, scientists from various fields of landscape research, university teaching staff, and experts in landscape planning and management, landscape conservation and landscape policy.

Scritta per guidare gli sviluppatori alla scoperta di ASP.NET Core 2, il nuovo framework per il web cross platform e open source rilasciato da Microsoft, questa guida completa include tutte le ultime novità introdotte da ASP.NET Core e dalle tecnologie a corredo di applicazioni web, come Angular o l'accesso ai database. Dalle basi di ASP.NET Core 2 ai concetti legati ad ASP.NET Core MVC, all'accesso ai dati, passando per identity e arrivando fino a JavaScript, Angular e tecnologie client-side, questo libro - con uno stile pratico e ricco di esempi - accompagna il lettore alla scoperta di tutte le caratteristiche che rendono ASP.NET Core uno dei toolkit più interessanti per sviluppare applicazioni web.

Micro-frontends are the answer to today's increasingly complex web applications. Inspired by the microservices model, this approach lets organizations break interfaces into separate features managed by different teams of developers. In this practical guide, Luca Mezzalana shows software architects and senior developers how to build and deliver artifacts atomically rather than use a big bang deployment structure. You'll learn how this architecture allows different teams to choose any library or framework for their micro-frontends without affecting existing components. This gives your organization technical flexibility and enables you to hire and retain a broad spectrum of talent. Micro-frontends also support distributed or colocated teams more efficiently. Pick up this book and learn how to get started with this technological breakthrough. Explore the technological impact of micro-frontends in your organization Learn how to identify, generate, and orchestrate micro-frontends Identify areas of an application UI that individual teams can handle Understand and manage the complexity that micro-frontends bring inside an organization Establish end-to-end automation for building and deploying micro-frontends using the strangler pattern

Get up to speed with React, React Native, GraphQL and Apollo for building cross-platform native apps with the help of practical examples Key Features Covers the latest features of React such as Hooks, Suspense, NativeBase, and Apollo in this updated third edition Get to grips with the React architecture for writing easy-to-manage web and mobile applications Understand GraphQL and Apollo for building a scalable backend for your cross-platform apps Book Description React and React Native, Facebook's innovative User Interface (UI) libraries, are designed to help you build robust cross-platform web and mobile applications. This updated third edition is improved and updated to cover the latest version of React. The book particularly focuses on the latest developments in the React ecosystem, such as modern Hook implementations, code splitting using lazy components and Suspense, user interface framework components using Material-UI, and Apollo. In terms of React Native, the book has been updated to version 0.62 and demonstrates how to apply native UI components for your existing mobile apps using NativeBase. You will begin by learning about the essential building blocks of React components. Next, you'll progress to working with higher-level functionalities in application development,

before putting this knowledge to use by developing user interface components for the web and for native platforms. In the concluding chapters, you'll learn how to bring your application together with a robust data architecture. By the end of this book, you'll be able to build React applications for the web and React Native applications for multiple mobile platforms. What you will learn Delve into the React architecture, component properties, state, and context Get to grips with React Hooks for handling functions and components Implement code splitting in React using lazy components and Suspense Build robust user interfaces for mobile and desktop apps using Material-UI Write shared components for Android and iOS mobile apps using React Native Simplify layout design for React Native apps using NativeBase Write GraphQL schemas to power web and mobile apps Implement web and mobile components that are driven by Apollo Who this book is for This book is for any JavaScript developer who wants to start learning how to use Facebook's UI libraries, React and React Native, for mobile and web application development. Although no prior knowledge of React is needed, working knowledge of JavaScript programming will help you understand the concepts covered in the book more effectively. If you want to build cross-platform web applications using the robust Angular web framework, this book is for you. Learning Angular will cover the core concepts of frontend web development using easy-to-follow instructions to help you get up and running with Angular web development in no time.

Waste electrical and electronic equipment (WEEE) generation is a global problem. Despite the growing awareness and deterring legislation, most of the WEEE is disposed improperly, i.e. landfilled or otherwise shipped overseas, and treated in sub-standard conditions. Informal recycling of WEEE has catastrophic effects on humans and the environment. WEEE contains considerable quantities of valuable metals such as base metals, precious metals and rare earth elements (REE). Metal recovery from WEEE is conventionally carried out by pyrometallurgical and hydrometallurgical methods. In this PhD research, novel metal recovery technologies from WEEE are investigated. Using acidophilic and cyanide-generating bacteria, copper and gold were removed from crushed electronic waste with removal efficiencies of 98.4 and 44.0%, respectively. The leached metals in solution were recovered using sulfidic precipitation and electrowinning separation techniques. Finally, a techno-economic assessment of the technology was studied. This research addresses the knowledge gap on two metal extraction approaches, namely chemical and biological, from a secondary source of metals. The essential parameters of the selective metal recovery processes, scale-up potential, techno-economic and sustainability assessment have been studied.

Provides information on creating Web-based applications with Rails 4 and Ruby 2, covering such topics as HTTP authentication, validation and unit testing, cart creation, Ajax, caching, migrations, and plugins.

This open access book explores key issues and presents recent case studies in areas of importance for the transition to a circular model of development in emerging African countries that will minimize resource consumption and waste production. The topics covered include the development of sustainable housing models, energy and environmental issues in building design and technical systems, recycling for a sustainable future, models for humanitarian emergencies, and low-cost and web-based digital tools with applications in architecture and archaeology. The aim is to contribute to a necessary paradigm shift with respect to urban planning and usage of territories, moving from a linear urban metabolism based on the "take, make, dispose" approach to a circular metabolism. Such a change requires a focus on the relationship between the architectural, urban, and physical aspects of new developments, climate, and energy demand, as well as the identification and integration of strategies and infrastructures to achieve a high level of efficiency and self-sufficiency. The book will appeal to all with an interest in sustainable development in the African context. This work was published by Saint Philip Street Press pursuant to a Creative Commons license permitting commercial use. All rights not granted by the work's license are retained by the author or authors.

Scopri come dare interattività alle pagine web e realizza applicazioni di successo con Angular JS! Ti piacerebbe realizzare e personalizzare pagine web? Vuoi scoprire quali sono i passaggi da eseguire per creare un'applicazione semplice e funzionante? Vorresti imparare a programmare con il linguaggio Angular JS? Conoscere Angular JS è fondamentale se si vuole diventare un programmatore web di successo. Tale linguaggio di programmazione permette infatti creare, realizzare e pianificare applicazioni web sofisticate e funzionali. Grazie a questo libro potrai scoprire tutte le funzioni e le caratteristiche di Angular JS. Una prima parte viene dedicata alle principali proprietà e particolarità di tale linguaggio di programmazione per poi passare alla sua installazione e a tutte le sue funzionalità. Al termine di ogni capitolo, sono presenti tanti esempi ed esercizi in modo da permettere al lettore un apprendimento immediato e per poter mettere in pratica in modo efficace il linguaggio Angular JS. Al termine della lettura sarai in grado di elaborare, sviluppare e personalizzare applicazioni web dinamiche e funzionali! Ecco che cosa otterrai da questo libro: Le basi del linguaggio Angular JS Framework Come scaricare ed installare Angular JS I passaggi per la creazione di un'applicazione Direttive ed espressioni: tipi e caratteristiche Design pattern: soluzioni per problemi ricorrenti I controller Angular JS Filtri e moduli: le loro funzionalità I moduli: le loro funzionalità Modifica del layout Esempi pratici E molto di più! Angular JS è un framework facile da utilizzare anche per chi si avvicina per la prima volta al mondo della programmazione web. Se vuoi progettare e realizzare gestionali, applicazioni e siti web, questo libro è quello che ti serve! Inizia ora! Scorri verso l'alto e fai clic su "Acquista ora"!

Provides information on Web development for multiple devices, covering such topics as structure and semantics, device APIs, multimedia, and Web apps.

Develop complete web applications from scratch through practical examples and tips for beginners and more advanced users About This Book Improve your programming experience and become a full stack developer Master real-life web applications, and create and manage four different projects Step-by-step guidance to develop real-world web applications smoothly Who This Book Is For This book is for anyone who wants to discover and explore Yii Framework. Basic programming experience with PHP and object oriented programming is assumed. What You Will Learn Understand basic concepts, along with the installation and customization of Yii Discover models, controllers, and views—concepts applied in a web context—and how they are employed in Yii Use ActiveRecord to manipulate a database Add access control to your web application through authentication and authorization Install and customize an advanced template for multiple applications in the same project Create a RESTful Web Service to allow remote access to data Develop a console application to launch a command in the console as an automated task (cron job) Make code reusable through widgets and components and localize text messages to make a multilanguage web app In Detail Yii is a high-performance PHP framework best for developing Web 2.0 applications. It provides fast, secure, and professional features to create robust projects, however, this rapid development requires the ability to organize common tasks

together to build a complete application. It's all too easy to get confused; this is where this book comes in. This book contains a series of practical project examples for developers starting from scratch. Each section contains the most relevant theories for every topic as you walk through developing each project, focusing on key aspects that commonly confuse users. The book starts with all the framework's basic concepts, such as controllers and views, to introduce you to Yii and creating your first application, a simple news reader. You will be learn to configure URL rules to make a pretty URL, essential for search engine optimization. Next, you will walk through Model and ActiveRecord, key concepts in database interaction. The second application you will develop is a reservation system that allows you to manage rooms, customers, and reservations. For this, you will use database connection through SQL and ActiveRecord. More complex than the first one, this application will introduce you to the advanced template of Yii 2, splitting the app into two parts: a frontend for all visitors and a backend for the admin. Finally, you will move on to the last two applications: one that allows connections from remote clients, through RESTful components of Yii 2, and another that creates and organizes automatic tasks using the console application structure of Yii 2. Style and approach This is a step-by-step guide with each topic introduced in the context of real-world applications, highlighting common cases where users may encounter difficulties.

If you want to learn how to build efficient React applications, this is your book. Ideal for web developers and software engineers who understand how JavaScript, CSS, and HTML work in the browser, this updated edition provides best practices and patterns for writing modern React code. No prior knowledge of React or functional JavaScript is necessary. With their learning road map, authors Alex Banks and Eve Porcello show you how to create UIs that can deftly display changes without page reloads on large-scale, data-driven websites. You'll also discover how to work with functional programming and the latest ECMAScript features. Once you learn how to build React components with this hands-on guide, you'll understand just how useful React can be in your organization. Understand key functional programming concepts with JavaScriptLook under the hood to learn how React runs in the browserCreate application presentation layers with React componentsManage data and reduce the time you spend debugging applicationsIncorporate React Hooks to manage state and fetch dataUse a routing solution for single-page application featuresLearn how to structure React applications with servers in mind

Advances in Turbulence VII contains an overview of the state of turbulence research with some bias towards work done in Europe. It represents an almost complete collection of the invited and contributed papers delivered at the Seventh European Turbulence Conference, sponsored by EUROMECH and ERCOFTAC and organized by the Observatoire de la Côte d'Azur. New high-Reynolds number experiments combined with new techniques of imaging, non-intrusive probing, processing and simulation provide high-quality data which put significant constraints on possible theories. For the first time, it has been shown, for a class of passive scalar problems, why dimensional analysis sometimes gives the wrong answers and how anomalous intermittency corrections can be calculated from first principles. The volume is thus geared towards specialists in the area of flow turbulence who could not attend the conference as well as anybody interested in this rapidly moving field.

This full-stack guide will help you become fluent in both frontend and backend web development by combining the impressive capabilities of ASP.NET Core 3.1 and Angular 9 from project setup right through the deployment. Furthermore, you will learn to add capabilities like security, testability, and scalability to your apps using expert techniques.

Find out how to use Docker in your ASP.NET Core MVC applications, and how containers make it easier to develop, deploy and manage those applications in production environments. Packed with examples and practical demonstrations, this book will help you deploy even large-scale, cross-platform web applications from development into production. Best-selling author Adam Freeman takes you on a whirlwind tour of Docker, from creating a consistent development environment for your team to deploying a project and scaling it up in production. By the end of the book, you will have a solid understanding of what Docker does, how it does it and why it is useful when developing and deploying ASP.NET Core MVC applications. What You Will Learn Gain a solid understanding of Docker: what it is, and why you should be using it for your ASP.NET Core MVC applications Use Docker to create a development platform for ASP.NET Core MVC so that applications behave consistently across development and production Use Docker to test, deploy and manage ASP.NET Core MVC containers Use Docker Swarms to scale up applications to cope with large workloads Who This Book Is For ASP.NET Core MVC developers who want to use Docker to containerize and manage their applications

Summary ASP.NET 4.0 in Practice contains over 100 real world techniques distilled from the experience of a team of MVPs. Using a practical problem-solution-discussion format, the book will guide you through the most common scenarios you will face in a typical ASP.NET application, and provide solutions and suggestions to take your applications to another level. About the Technology ASP.NET is an established technology to build web applications using Microsoft products. It drives a number of enterprise-level web sites around the world, but it can be scaled for projects of any size. The new version 4.0 is an evolutionary step: you will find a lot of new features that you will be able to leverage to build better web applications with minimal effort. About the Book ASP.NET is a massive framework that requires a large amount of know-how from developers. Fortunately, this book distills over 100 practical ASP.NET techniques from the experience of a team of MVPs, and puts them right at your fingertips. The techniques are tested and selected for their usefulness, and they are all presented in a simple problem-solution-discussion format. You'll discover methods for key new subjects like data integration with Entity Framework and ASP.NET MVC. Along the way, you'll also find ways to make your applications fast and secure. This book is written for developers familiar with the basics of ASP.NET, looking to become more productive with it. Purchase of the print book comes with an offer of a free PDF, ePub, and Kindle eBook from Manning. Also available is all code from the book. What's Inside The Identity Map pattern in EF 4 Use Master Pages to define a common UI Adaptive Rendering Save user login data securelyand much more =====?=====Table of Contents PART 1 ASP.NET FUNDAMENTALS Getting acquainted with ASP.NET 4.0 Data access reloaded: Entity Framework Integrating Entity Framework and ASP.NET PART 2 ASP.NET WEB FORMS Building the user interface with ASP.NET Web Forms

Data binding in ASP.NET Web Forms Custom controls Taking control of markup PART 3 ASP.NET MVC Introducing ASP.NET MVC Customizing and extending ASP.NET MVC PART 4 SECURITY ASP.NET security ASP.NET authentication and authorization PART 5 ADVANCED TOPICS Ajax and RIAs with ASP.NET 4.0 State Caching in ASP.NET Extreme ASP.NET 4.0 Performance and optimizations

Urban heat islands are a new type of microclimatic phenomenon that causes a significant increase in the temperature of cities compared to surrounding areas. The phenomenon has been enforced by the current trend towards climate change. Although experts consider urban heat islands an urgent European Union public health concern, there are too few policies that address it. The EU carried out a project to learn more about this phenomenon through pilot initiatives. The pilots included feasibility studies and strategies for appropriately altering planning rules and governance to tackle the problem of urban heat islands. The pilots were carried out in eight metropolitan areas: Bologna/Modena, Budapest, Ljubljana, Lodz, Prague, Stuttgart, Venice/Padova, and Vienna. The feasibility studies carried out in these pilot areas focused on the specific morphology of EU urban areas, which are often characterised by the presence of historical old towns.

Completely revised and updated, this best-selling introduction to programming in JavaScript focuses on writing real applications. JavaScript lies at the heart of almost every modern web application, from social apps like Twitter to browser-based game frameworks like Phaser and Babylon. Though simple for beginners to pick up and play with, JavaScript is a flexible, complex language that you can use to build full-scale applications. This much anticipated and thoroughly revised third edition of Eloquent JavaScript dives deep into the JavaScript language to show you how to write beautiful, effective code. It has been updated to reflect the current state of JavaScript and web browsers and includes brand-new material on features like class notation, arrow functions, iterators, async functions, template strings, and block scope. A host of new exercises have also been added to test your skills and keep you on track. As with previous editions, Haverbeke continues to teach through extensive examples and immerses you in code from the start, while exercises and full-chapter projects give you hands-on experience with writing your own programs. You start by learning the basic structure of the JavaScript language as well as control structures, functions, and data structures to help you write basic programs. Then you'll learn about error handling and bug fixing, modularity, and asynchronous programming before moving on to web browsers and how JavaScript is used to program them. As you build projects such as an artificial life simulation, a simple programming language, and a paint program, you'll learn how to:

- Understand the essential elements of programming, including syntax, control, and data
- Organize and clarify your code with object-oriented and functional programming techniques
- Script the browser and make basic web applications
- Use the DOM effectively to interact with browsers
- Harness Node.js to build servers and utilities

Isn't it time you became fluent in the language of the Web? * All source code is available online in an inter-active sandbox, where you can edit the code, run it, and see its output instantly.

ng-book. The in-depth, complete, and up-to-date book on Angular. Become an Angular expert today. Updated for Angular, Angular CLI, and Community Style Guide Ready to master Angular? What if you could master the entire framework - with solid foundations - in less time without beating your head against a wall? Imagine how quickly you could work if you knew the best practices and the best tools? Stop wasting your time searching and have everything you need to be productive in one, well-organized place, with complete examples to get your project up without needing to resort to endless hours of research. You will learn what you need to know to work professionally with ng-book: The Complete Book on Angular. Get up and running quickly The first chapter opens with building your first Angular app. Within the first few minutes, you'll know enough to have an app running Lots of Sample Apps and Code When you buy ng-book, you're not buying just a book, but dozens of code examples. Every chapter in the book comes with a complete project that uses the concepts in the chapter. The code is available for download, free from our website. Table of Contents Writing your first Angular web application How Angular Works Built-in Directives Forms in Angular 2 HTTP and APIs Routing Dependency Injection Data Architecture in Angular 2 Data Architecture with Observables and RxJS Data Architecture with Redux Redux and TypeScript Data Architecture with Redux Advanced Components Testing Converting an Angular 1 app to Angular Comprehensive You'll learn core Angular concepts - from how Angular works under the hood, to rich interactive components, from in-depth testing to real-world applications Best Practices Learn Angular best practices, such as: testing, code organization, and how to structure your app for performance. We'll walk through practical, common examples of how to implement complete components of your applications Example Apps included in the book The book comes with sample apps that show you how to create: A component-based Reddit clone A real-time chat app using RxJS Observables A YouTube search-as-you-type app A Spotify search for tracks with playable song preview Plus lots more mini-examples that show you how to write Components, how to use Forms, and how to use APIs The code examples currently have over 5,500+ lines of runnable code (TypeScript, non-comment lines) What our Customers Say "Fantastic work guys! I have no idea where I'd be with Angular without ng-book. You guys have made this SOOOO much easier to learn and keep up with. Thanks again..you guys are awesome!" -- Jacob Cheriathundam "Just finished ng-book2. I think it is the best learning material one can find about Angular today." -- Jegor Uglov FAQ What version does the book cover? This revision of the book covers up to angular-4.1.0. An updated version of the code is available for free at our website. Do I have to know Angular 1? Nope! We don't assume that you've used Angular 1. This book teaches Angular from the ground up. Of course, if you've used Angular 1, we'll point out common ideas (because there are many), but ng-book stands on its own Is ng-book an upgrade to ng-book 1? No. This is a completely new book and shares no content or code with ng-book 1. Angular 1 and Angular 2+ are two different frameworks and ng-book 1 and ng-book are two different books.

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