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# Building Mobile Apps With Ionic 2

## Josh Morony

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Ionic Cookbook  
Developing a Mobile Application UI with Ionic and Angular  
Flutter Recipes  
Learning Ionic  
Mobile App Development with Ionic  
Learn Angular Js and Ionic for Building Mobile Application  
MEAN Web Development  
Building Mobile Apps at Scale  
Ionic in Action  
Getting Started with Ionic  
Ionic Framework  
Mobile App Development with Ionic 2  
Beginning Progressive Web App Development  
Learning Node.js for Mobile Application Development  
The JHipster Mini-Book  
Deploying a Mobile Application to the App Store with Ionic Capacitor  
Ionic 4+  
Mobile Application Development: JavaScript Frameworks  
Learning Ionic  
PhoneGap 4 Mobile Application Development Cookbook  
Developing Progressive Web Applications with Angular (and Ionic)  
Ionic : Hybrid Mobile App Development  
Learn Ionic 2  
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Developing a Mobile Application UI with Ionic and React  
Learning Mobile App Development  
Hybrid Mobile Development with Ionic  
Build Mobile Apps with Ionic 4 and Firebase  
Creating Mobile Apps with Xamarin.Forms Preview Edition 2  
Learning Progressive Web Apps  
Build Mobile Apps with Ionic 2 and Firebase  
Learning React Native  
Mobile App Development with Ionic, Revised Edition  
Ionic Cookbook  
Angular in Action  
Ionic 2 Blueprints  
Building Web Apps with Spring 5 and Angular  
Beginning Ionic Mobile Development  
Ionic Framework By Example

*Building Mobile Apps  
With Ionic 2 Josh  
Morony*

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## RAMOS JACOBS

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**Ionic Cookbook** Microsoft Press  
 Make use of Node.js to learn the development of a simple yet scalable cross-platform mobile application About This Book Use Node.js to satisfy the core backend requirements of modern apps, including user management, security, data access, and real-time data communication Build practical real-world mobile applications, which will give you the necessary knowledge to build your very own mobile solutions Step-by-step development of projects using Ionic Framework as the frontend and Node.js for the backend supported by a MongoDB database Who This Book Is For This book is intended for web developers of all levels of expertise who want to deep dive into cross-platform mobile application development without going through the pains of understanding the languages and native frameworks that form an integral part of developing for different mobile platforms. This book is also for you if you are a developer who wants to capitalize on the MobileFirst strategy and so are going to use JavaScript for your complete stack. What You Will Learn Develop an API from scratch Set up a MongoDB Database as part of your mobile application backend Deploy a cross-platform mobile application from the command line Incorporate features within your mobile application that use native phone features such as a gyroscope, GPS, and accelerometer Implement mobile applications that use web-enabled APIs Build a mobile application with real-time chat messaging features Develop a secure mobile application that is capable

of functioning with real-time data In Detail Node.js is a massively popular JavaScript library that lets you use JavaScript to easily program scalable network applications and web services. People approaching Node.js for the first time are often attracted by its efficiency, scalability, and the fact that it's based on JavaScript, the language of the Web, which means that developers can use the same language to write backend code. Also, it's increasingly being seen as a "modern" replacement for PHP in web development, which relies on fast-paced data exchange. The growing community and the large amount of available modules makes Node.js one of the most attractive development environments. This book takes a step-wise and incremental approach toward developing cross-platform mobile technologies using existing web technologies. This will allow you to truly understand and become proficient in developing cross-platform mobile applications with Node.js, Ionic Framework, and MongoDB. The book starts off by introducing all the necessary requirements and knowledge to build a mobile application with a companion web service. It covers the ability to create an API from scratch and implement a comprehensive user database that will give you the opportunity to offer a mobile application with a personalized experience. Midway through the book, you will learn the basic processes to create a successful mobile application. You will also gain higher-level knowledge, allowing you to develop a functional and secure mobile application to ensure a seamless user experience for end users. Finally, the book ends with more advanced projects, which will bring together all the knowledge and expertise developed in

the previous chapters to create a practical and functional mobile-application that has useful real-world features. Style and approach This book is an easy-to-follow guide that takes a step-wise approach in giving expertise and knowledge to help you truly understand what is needed to create a memorable user experience for end users. Each topic is placed in the context of the bigger picture, that is, to create cross-platform mobile applications using existing technologies.

#### Developing a Mobile Application UI with Ionic and Angular Packt Publishing Ltd

A complete guide to build robust and scalable web applications with Spring and Angular. About This Book This hands on guide will teach you how to build an end-to-end modern web application using Spring and Angular. It is easy to read and will benefit Java developers who have been used to develop the back-end part of web application while front-end (UI) has been left for UI developers. Learn the core aspects involved in developing the backend and the UI, right from designing to integrating and deploying. Who This Book Is For This book is targeted towards Java Web Developers with a basic knowledge of Spring who want to build complete web applications in a fast and effective way. They will want to gain a stronghold on both frontend and backend development to advance in their careers. What You Will Learn Set up development environment for Spring Web App and Angular app. Process web request and response and build REST API endpoints. Create data access components using Spring Web MVC framework and Hibernate Use Junit 5 to test your application Learn the fundamental concepts around building Angular Configure and use Routes and

Components. Protect Angular app content from common web vulnerabilities and attacks. Integrate Angular apps with Spring Boot Web API endpoints Deploy the web application based on CI and CD using Jenkins and Docker containers In Detail Spring is the most popular application development framework being adopted by millions of developers around the world to create high performing, easily testable, reusable code. Its lightweight nature and extensibility helps you write robust and highly-scalable server-side web applications. Coupled with the power and efficiency of Angular, creating web applications has never been easier. If you want build end-to-end modern web application using Spring and Angular, then this book is for you. The book directly heads to show you how to create the backend with Spring, showing you how to configure the Spring MVC and handle Web requests. It will take you through the key aspects such as building REST API endpoints, using Hibernate, working with Junit 5 etc. Once you have secured and tested the backend, we will go ahead and start working on the front end with Angular. You will learn about fundamentals of Angular and Typescript and create an SPA using components, routing etc. Finally, you will see how to integrate both the applications with REST protocol and deploy the application using tools such as Jenkins and Docker. Style and approach This is a straightforward guide that shows how to build a complete web application in Angular and Spring.

#### Flutter Recipes Apress

The Ionic Framework supports a variety of mobile platforms. Throughout this series, I will cover the important aspects of development with Ionic and React, going from zero code all the way to the

Apple App and Google Play Stores. This volume will cover the absolute basics: I will show you how to build a simple Ionic application. I will cover the application structure, explaining how an Ionic application is laid out. Next I will introduce some of Ionic's more useful UI components and create a basic side-menu for the demo application. Unlike many books that spend a lot of time on background, this one is designed to be fast paced, with a minimum of fuss and fluff. It is all hands-on. By the time you complete the series, you should have the confidence you need to create and deploy your own mobile app for iOS or Android. It will be a fast ride, so hang on.

[Learning Ionic](#) Independently Published

Learn how to build app store-ready hybrid apps with the Ionic 2, the framework built on top of Apache Cordova (formerly PhoneGap) and Angular. This practical guide shows you how to use Ionic's tools and services to develop apps with HTML, CSS, and TypeScript, rather than rely on platform-specific solutions found in Android, iOS, and Windows Phone. Author Chris Griffith takes you step-by-step through Ionic's powerful collection of UI components, and then helps you use it to build three cross-platform mobile apps. Whether you're new to this framework or have been working with Ionic 1, this book is ideal for beginning, intermediate, and advanced web developers. Understand what a hybrid mobile app is, and what comprises a basic Ionic application. Learn how Ionic leverages Apache Cordova, Angular, and TypeScript to create native mobile applications. Create a Firebase-enabled to-do application that stores data across multiple clients. Build a tab-based National Park explorer app with Google Map integration. Develop a weather app with the Darksky weather

API and Google's GeoCode API. Debug and test your app to resolve issues that arise during development. Walk through steps for deploying your app to native app stores. Learn how Ionic can be used to create Progressive Web Apps.

**Mobile App Development with Ionic**  
Packt Publishing Ltd

Build amazing cross-platform mobile apps with Ionic, the HTML5 framework that makes modern mobile application development simple. About This Book

Learn how to use one of the most exciting mobile development frameworks around to build even better apps. Follow the featured sample projects to experience Ionic's impressive capabilities. Extend your developer skillset to build, test, and launch mobile apps with confidence. Who This Book Is For

This book is for anyone who wants to see Ionic in action - and find out how it could transform the way they build mobile apps. If you're a JavaScript web developer, you'll be building great projects in no time. What You Will Learn

Learn Ionic by creating three complete mobile applications. Get to know the Ionic CLI. Add basic and advanced features to the Ionic framework. Connect an Ionic app with a Firebase back end. Integrate PhoneGap plugins with NG-Cordova. Test your apps to improve and optimize performance. In Detail. Change doesn't have to be challenging. Sometimes it can be simple - sometimes it just makes sense. With Ionic, mobile development has never been so simple, so elegant and obvious. By helping developers to harness AngularJS and HTML5 for mobile development, it's the perfect framework for anyone obsessed with performance, and anyone that understands just how important a great user experience really is. This book shows you how to get started with Ionic

framework immediately. But it doesn't just give you instructions and then expect you to follow them. Instead it demonstrates what Ionic is capable of through three practical projects you can follow and build yourself. From a basic to-do list app, a London tourist app, to a complete social media app, all three projects have been designed to help you learn Ionic at its very best. From setting up your project to developing on both the server side and front end, and best practices for testing and debugging your projects, you'll quickly become a better mobile developer, delivering high performance mobile apps that look awesome. Ionic Framework by Example is for people who don't want to learn now, build later – it's for people who want to learn and build at the same time – so they can meet today's mobile development challenges head on and deliver better products than anyone else. Style and approach This book isn't just an instruction manual. It doesn't just tell you what to do – it shows you. Featuring three sample projects, it's been created so you can get started with Ionic immediately.

*Learn Angular Js and Ionic for Building Mobile Application* Packt Publishing Ltd  
 Summary Angular in Action teaches you everything you need to build production-ready Angular applications. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Angular makes it easy to deliver amazing web apps. This powerful JavaScript platform provides the tooling to manage your project, libraries to help handle most common

tasks, and a rich ecosystem full of third-party capabilities to add as needed. Built with developer productivity in mind, Angular boosts your efficiency with a modern component architecture, well-constructed APIs, and a rich community. About the Book Angular in Action teaches you everything you need to build production-ready Angular applications. You'll start coding immediately, as you move from the basics to advanced techniques like testing, dependency injection, and performance tuning. Along the way, you'll take advantage of TypeScript and ES2015 features to write clear, well-architected code. Thoroughly practical and packed with tricks and tips, this hands-on tutorial is perfect for web devs ready to build web applications that can handle whatever you throw at them. What's Inside Spinning up your first Angular application A complete tour of Angular's features Comprehensive example projects Testing and debugging Managing large applications About the Reader Written for web developers comfortable with JavaScript, HTML, and CSS. About the Author Jeremy Wilken is a Google Developer Expert in Angular, Web Technologies, and Google Assistant. He has many years of experience building web applications and libraries for eBay, Teradata, and VMware. Table of Contents Angular: a modern web platform Building your first Angular app App essentials Component basics Advanced components Services Routing Building custom directives and pipes Forms Testing your application Angular in production  
**MEAN Web Development** "O'Reilly Media, Inc."  
 Take advantage of this comprehensive reference to solving common problems when developing with Flutter. Along with

an introduction to the basic concepts of Flutter development, the recipes in this book cover all important aspects of this emerging technology, including development, testing, debugging, performance tuning, app publishing, and continuous integration. Although Flutter presents a rich, cross-platform mobile development framework, helpful documentation is not easily found. Here you'll review solutions to various scenarios and use creative, tested ways to accomplish everything from simple to complex development tasks. Flutter is developed using Dart and contains a unique technology stack that sets it apart from its competitors. This book takes the mystery out of working with the Dart language and integrating Flutter into your already existing workflows and development projects. With Flutter Recipes, you'll learn how to build and deploy apps freshly started in Flutter, as well as apps already in progress, while side-stepping any potential roadblocks you may face along the way. What You'll Learn Debug with Dart Observatory Program accessibility and localization features Build and release apps for iOS and Android Incorporate reactive programming Who This Book Is For Mobile developers with some experience in other frameworks who would like to work with the growing and popular Flutter.

### **Building Mobile Apps at Scale**

"O'Reilly Media, Inc."

Learn Angular JS And Ionic is a piece of a rapidly developing group of AngularJS fueled libraries that make building mobile apps with Angular inconceivably quick and simple So Buy Book Now And Build Mobile Apps

**Ionic in Action** Simon and Schuster Create real-time hybrid applications with the leader of HTML5 frameworks: Ionic

Framework About This Book Step into the world of amazingly interactive and real-time app development using Ionic 2 Leverage the powerful Angular 2 along with Ionic to develop cutting edge apps Detailed code examples and explanations will help you get up and running with Ionic quickly and easily Who This Book Is For This book is for JavaScript developers with basic skills. No previous knowledge of Ionic is required for this book. What You Will Learn Understanding the world of the mobile hybrid architecture Scaffolding and working with Ionic templates Transforming a single page app to a multi-page app using Navigation Controller Integrating Ionic components, decorators, and services and rapidly developing complex applications Theming Ionic apps as well as customizing components using SCSS Working with Ionic Native to interface with device features, such as camera, notifications, and battery Building a production grade app using Ionic and Uber API to let users book a ride Migrating an Ionic 1 app to Ionic 2 or Ionic 3 Performing unit testing, end-to-end testing, and device testing on your apps Deploying Ionic apps to store and manage their subsequent releases In Detail Ionic makes it incredibly easy to build beautiful and interactive mobile apps using HTML5, SCSS, and Angular. Ionic also makes app development easier, faster, and more fun. This hands-on guide will help you understand the Ionic framework and how you can leverage it to create amazing real-time applications. We begin by covering the essential features of Angular 2, and then dive straight into how Ionic fits in today's world of hybrid app development and give you a better understanding of the mobile hybrid architecture along the

way. Further on, you will learn how to work with Ionic decorators, services, and components, which will allow you to build complex apps using the Ionic framework. We will take a look at theming Ionic apps using the built-in SCSS setup. After that, we will explore Ionic Native, and you will learn how to integrate device-specific features, such as notifications, with the Ionic app. To complete our learning, we will be building a Rider app, using Ionic and Uber API, to book a ride. Next, you will learn how to unit test, end-to-end test, monkey test, and execute device testing on AWS Device farm. Then, we will take a look at migrating the existing Ionic 1 apps to Ionic 2 and deploy them to the App Store. The final chapter on Ionic 3 wraps up this book by explaining the new features of Ionic 3 at the time of writing this book. By the end of this book, you will be able to develop, deploy, and manage hybrid mobile applications built with Cordova, Ionic, and Angular. All the examples in this book are valid for both Ionic 2 and Ionic 3. Style and approach A step-by-step, practical approach to learning Ionic using the example of designing an online course app. Each topic is explained sequentially in the process of creating a course. This includes explanations of both basic and advanced features of Ionic.

### **Getting Started with Ionic**

Createspace Independent Publishing Platform

Ionic is one of the leading frameworks to develop mobile apps and Progressive Web Apps in HTML5. Ionic is especially useful if you are familiar with web development HTML, CSS, JavaScript and would like to build mobile apps, but don't fancy having to learn Objective C and/or Swift for iOS, Java for Android, etc. In this

book, we take you on a fun, hands-on and pragmatic journey to master Ionic. You'll start building Ionic apps within minutes. Every section is written in a bite-sized manner and straight to the point as I don't want to waste your time (and most certainly mine) on the content you don't need. In the end, you will have what it takes to develop a real-life mobile app using Ionic. About the Reader This book is for developers with basic familiarity with HTML, CSS, Javascript and Angular. About the Author Greg Lim is a technologist and author of several programming books. Greg has many years in teaching programming in tertiary institutions and he places special emphasis on learning by doing. Table of Contents Chapter 1: Introduction to Ionic Chapter 2: Setting Up Our Development Environment Chapter 3: Building Our Notable Notes App Chapter 4: Building Our Notable Notes App (II) Chapter 5: Deploying to a Device Chapter 6: Storing Data Chapter 7: C.R.U.D. with Firebase Chapter 8: Authentication in Firebase Chapter 9: Authorization in Firebase Chapter 10: Cordova Plugins and Ionic Native Chapter 11: Deploying to the AppStore Chapter 12: Deploying to a Web Server Chapter 13: Building a Progressive Web App Appendix A: Themes

### *Ionic Framework Apress*

Do you want to create applications that can run on iPhones and Androids? Then you have come to the right place! The Ionic Framework supports a variety of mobile platforms. Throughout this series, I will cover the important aspects of development with Ionic, Angular, and TypeScript, going from no code all the way to the Apple App and Google Play Stores. This volume will cover the absolute basics: I will show you how to build a simple Ionic application. I will

cover the application structure, explaining how an Ionic application is laid out. Next I will introduce some of Ionic's more useful UI components and create a basic side-menu for the demo application. Unlike many books that spend a lot of time on background, this one is designed to be fast paced, with a minimum of fuss and fluff. It is all hands-on. By the time you complete the series, you should have the confidence you need to create and deploy your own mobile app for iOS or Android. It will be a fast ride, so hang on.

**# Book Contents-**  
 Getting Started-Gentle Introduction to Angular-Your First Ionic App-Guided Tour of the Ionic-Angular Code-Customize the Code-A10Dance - The Demo App-Creating the New Project-Modifying the Home Page-Custom Students Service-Adding the Roster Page-Implementing a Student Roster-Adding Functionality to the Student Roster-User Confirmation and Notification-Basic Navigation Menu-Where to Go from Here?-Apply What You Have Learned-Appendix - Installing the Tools

**# Series Road Map**This is the first in what I plan to be a series of books on developing applications with Ionic and Angular.

**Book 1: Building a Mobile Application UI** This book is all about building a user interface for a mobile application from scratch. It contains everything you need to go from nothing to a fully functional mobile app UI with Ionic Framework and Angular. Many of Ionic's basic UI components will be showcased: -lon-card-lon-item-lon-button-lon-icon-lon-menu-lon-alert-lon-option-sliding-lon-action-sheet-And More

**Book 2: Dealing with Data** Once the basic user interface is complete, it is time to work with data. How will the application accept, validate, and store user-provided input? This book will answer those questions. When the

application functionality is completed, it still needs to be available to its potential users. The final section of this book will be a discussion around various hosting options. You will deploy the application as a Progressive Web Application, which can then be installed on any modern mobile device.

**Book 3: Devices and Deployment**Sometimes, you need true hardware integration and installation. In this book, you will work with Capacitor, Ionic's solution for interfacing with the mobile hardware. The book will conclude by explaining and demonstrating how to prepare, build, and deploy the finished application to both the Apple and Google Play Stores. Sign up at <https://walkingriver.com> to receive advanced notice and occasional rough-draft content of new books in this series.

**Mobile App Development with Ionic 2** Packt Publishing Ltd

An end-to-end journey, empowering you to build real-time, scalable, and interactive mobile applications with the Ionic framework

**About This Book**  
 Develop engaging mobile experiences with a native-looking UI in Ionic and AngularJS. Use out-of-the-box Ionic functionalities, customize existing components, and add new components with this comprehensive course. Learn Ionic by creating three complete mobile applications

**Who This Book Is For** If you are a web developer who wants to build hybrid mobile app development using the Ionic framework, then this comprehensive course is best-suited for you.

**What You Will Learn** Get to know about Hybrid Apps and AngularJS Set up a development environment to build Hybrid Apps Navigate around components and routing in Ionic Authenticate users using an e-mail password, Twitter, Facebook, Google+, and LinkedIn Retrieve data and store it

using Firebase Access native device functionalities such as the camera, contact list, e-mail, and maps using NG-Cordova Integrate PhoneGap plugins with NG-Cordova Test your apps to improve and optimize performance In Detail Hybrid Apps are a promising choice in mobile app development to achieve cost-effectiveness and rapid development. Ionic has evolved as the most popular choice for Hybrid Mobile App development as it tends to match the native experience and provides robust components/tools to build apps. The Ionic Complete Developers course takes you on an end-to-end journey, empowering you to build real-time, scalable, and interactive mobile applications with the Ionic framework. Starting with an introduction to the Ionic framework to get you up and running, you will gradually move on to setting up the environment, and work through the multiple options and features available in Ionic to build amazing hybrid mobile apps. You will learn how to use Cordova plugins to include native functionality in your hybrid apps. You will work through three complete projects and build a basic to-do list app, a London tourist app, and a complete social media app. All three projects have been designed to help you learn Ionic at its very best. From setting up your project to developing on both the server side and front end, and best practices for testing and debugging your projects, you'll quickly be able to deliver high-performance mobile apps that look awesome. You will then hone your skills with recipes for cross-platform development. Integrating Ionic with Cordova will bring you native device features, and you will learn about the best modules from its ecosystem. Creating components and customizing

the theme will allow you to extend Ionic. You'll see how to build your app to deploy to all platforms to make you a confident start-to-finish mobile developer. This Learning Path combines some of the best that Packt has to offer in one complete, curated package. It includes content from the following Packt products: Getting Started with Ionic – by Rahat Khanna Ionic by Example – by Sani Yusuf Ionic Cookbook – by Hoc Phan Style and approach This course shows you how to get up and running with the Ionic framework. It doesn't just give you instructions, expecting you to follow them. Instead, with a hands-on approach, it demonstrates what Ionic is capable of through a series of practical projects that you can build yourself.

**Beginning Progressive Web App Development** D&d Verlag, Bonn, Germany

Discover the power of the Ionic 7 framework and unleash your app development potential with ease! In the comprehensive guide 'Ionic 7 / Create awesome AI-able apps for any platform' aspiring software developers, regardless of their programming background, will find the perfect resource to build stunning apps effortlessly. From installation to publication on Apple App Store, Google Play, and beyond, this book takes you on an immersive journey through the world of Ionic. Whether you're a beginner or have experience with other frameworks, this book offers a seamless transition into the realm of modern app development. Through twelve dedicated chapters, you'll witness the transformation of a simple tourism app, 'BoB Tours' into a feature-rich masterpiece. Along the way, you'll gradually unlock new functionalities and gain valuable insights into Ionic's inner

workings. Plus, as a special bonus, the book concludes with an exclusive chapter that explores the ingenious symbiosis of Ionic and Artificial Intelligence. By the time you reach the final page, you'll not only have mastered the essential features of Ionic, but you'll also possess a deep understanding of how it all fits together. Armed with this knowledge, you'll be empowered to create your own awe-inspiring apps using Ionic. Don't miss out on this invaluable resource - start your journey today and watch your app development skills soar!

Level: Beginner ++ Intermediate +++ Advanced +

Content: 1 Introduction 2 Angular Essentials 3 The first app 4 Navigation 5 Services & Storage 6 UI Components 7 Form validation 8 Theming, Styling, Customizing 9 Extending functionality with (and without) Capacitor 10 Debugging & Testing 11 Build, Deploy & Publish 12 Ionic with other frameworks (React, Svelte, Vue) Bonus: Ionic and AI

[Learning Node.js for Mobile Application Development](#) Packt Publishing Ltd

Get up and running with developing effective Hybrid Mobile Apps with Ionic

About This Book Develop engaging mobile experiences with a native-looking UI in Ionic and AngularJS Build mobile applications with a native UI and interactions with device APIs using popular web technologies such as HTML, CSS, and JavaScript Create an e-commerce mobile app using tutorials and code samples

Who This Book Is For This book is ideal for any web developer who wants to enter into the world of mobile app development but has no clue where to start. Ionic is an ideal starting point and provides a smooth learning curve to help you build hybrid apps using web technologies and to develop native apps for iOS and Android, you do

not need to know multiple languages. This book will also be useful for Hybrid App developers who have not found the perfect framework to ensure users get a rich experience from your apps.

What You Will Learn Get to know about Hybrid Apps and AngularJS Set up a development environment to build Hybrid Apps Navigate around the components and routing in Ionic Use different Ionic directives for a mobile-specific experience Integrate an Ionic App with backend web services Work with plugins to include native functionality in your hybrid apps Test your apps on real devices Build an e-commerce app for iOS and Android from scratch

In Detail Hybrid Apps are a promising choice in mobile app development to achieve cost effectiveness and rapid development. However, they were not preferred over native apps until few years back due to a poor performance and bad user experience, but everything has changed with the release of Ionic. It has evolved as the most popular choice for Hybrid Mobile App development as it tends to match the native experience and provides robust components/tools to build apps. Getting Started with Ionic equips any web developer with the basic knowledge needed to use modern web technologies to build amazing hybrid mobile apps using Ionic. This fast-paced, practical book explains all the important concepts of AngularJS and Cordova Framework required to develop apps, then gives you a brief introduction to hybrid mobile applications. It will guide you through setting up the environment to develop mobile apps, and through the multiple options and features available in Ionic so you can use them in your mobile apps. Features such as the Side Menu, Tabs, Touch Interactions, and

native features such as Bar Code, Camera, and Geolocations are all covered.. Finally, we'll show you how to use Cordova plugins and publish your apps. Style and approach Getting started with Ionic is a compact, easy-to-follow guide to developing hybrid mobile apps using Ionic with real world examples of building an e-commerce app.

*The JHipster Mini-Book* Packt Publishing Ltd

Ionic Framework Building mobile apps with Ionic Framework This book is an exploration of the mobile apps development by use of the Ionic Framework. It begins by explaining what Ionic Framework is, where it is used, and the purpose for using it. The next step is an exploration of how one can set up the environment ready for using the framework. The book will also guide you on how to start the Node server which is very important when it comes to development with the Ionic Framework. The next step is a discussion on how one can use the Ionic creator for the purpose of creating a Mockup. The various components which belong to Ionic are discussed, including headers, buttons, and other components. You will also learn how to create them for your mobile device in Ionic. The process of testing Ionic apps in browsers, emulators, and even on real devices is also explained. You will learn how to perform this on these different devices and then choose the best one for yourself. The CLI for Ionic is examined in detail, along with routing and how to create routes for your mobile app in Ionic. After reading this book, you will understand how to integrate your mobile app with Facebook in Ionic. Here is a preview of what you'll learn: Definition Installation How to Start the Node Server Creating a Mockup using Ionic Creator

Ionic Framework Components Testing on Emulators, Browsers, and Mobile Devices Development of the app The Ionic CLI Routing Integrating your App with Facebook Download your copy of " Ionic Framework " by scrolling up and clicking "Buy Now With 1-Click" button.

[Deploying a Mobile Application to the App Store with Ionic Capacitor](#) Packt Publishing Ltd

Now, one book can help you master mobile app development with both market-leading platforms: Apple's iOS and Google's Android. Perfect for both students and professionals, Learning Mobile App Development is the only tutorial with complete parallel coverage of both iOS and Android. With this guide, you can master either platform, or both-- and gain a deeper understanding of the issues associated with developing mobile apps. You'll develop an actual working app on both iOS and Android, mastering the entire mobile app development lifecycle, from planning through licensing and distribution. Each tutorial in this book has been carefully designed to support readers with widely varying backgrounds and has been extensively tested in live developer training courses. If you're new to iOS, you'll also find an easy, practical introduction to Objective-C, Apple's native language.

*Ionic 4+* Packt Publishing Ltd

Ionic has been a preferred choice for JavaScript developers to develop real time hybrid applications. This book will get you started with Ionic 3.9 and help you create Angular 5 components that interact with templates. Get the best out of Ionic through dedicated recipes which will solve issues related to it.

[Mobile Application Development: JavaScript Frameworks](#) Packt Publishing Ltd

Build fast, reliable web applications

using the latest web development technologies. This book provides step-by-step learning through the process of transforming a “traditional” web app into a high-performing progressive web app, leveraging principles and lessons taught throughout the book. You will learn to improve the performance, reliability, reach, and user engagement of mobile web applications through the use of specific, practical examples. Because most non-trivial web applications developed today use JavaScript frameworks, you will learn about the most popular frameworks offering a PWA right out of the box, including React, Preact, Vue.js, Angular, and Ionic. You also will learn which tools to enlist to measure your application’s performance, such as Google’s Lighthouse. Beginning Progressive Web App Development includes best practices to make your app work even when an end user has a poor or no Internet connection, and to send notifications and reminders with the Notification and Push APIs to keep your users engaged. You will come away with an understanding of the technologies—application shells, server push technology, and caching—that will allow you to rapidly deliver content to your users. As important as it is to provide mobile users with a great experience, the principles of PWAs are not limited to smartphones. Most of what you will learn in this book is directly applicable to web applications on all screen sizes. What You’ll Learn Achieve nearly instant loading times Implement service workers to make your app load faster and work while users are offline Keep users engaged with web notifications Measure the performance and reach of your web applications Transform your existing web app into a progressive web app Create a

progressive web app from scratch Understand what building a truly fast web app entails with Google’s PRPL pattern Who This Book Is For Web developers with prior JavaScript experience

Learning Ionic Addison-Wesley Professional

"Ionic 4+- Creating awesome apps for iOS, Android, Desktop & Web" is aimed at software developers who previously had little or nothing to do with programming apps or who had worked with other tools and frameworks and would like to build cool apps in an easy way. The book spans from the idea of the popular app framework and its installation to the realization of a complete app including its publication on Apple App Store, Google Play, for Desktop by using Electron or as Progressive Web App (PWA). Each of the twelve chapters is dedicated to its own aspect of Ionic. In the process, new functionalities are gradually being added to an initially simply designed tourism app called "BoB Tours". At the end of this book, the reader not only knows the key features of Ionic, but has also understood how the whole works in context. He/She finally has the necessary knowledge to be able to develop his/her own awesome apps with Ionic. A comprehensive introduction to Ionic on more than 600 pages. Level: Beginner ++ Intermediate +++ Advanced + Table of Contents: 1. Introduction, 2. Angular Essentials, 3. The first app, 4. Navigation, 5. Services and Storages, 6. UI Components, 7. Form validation, 8. Theming, styling, customizing, 9. Ionic Native, 10. Communication and Messaging, 11. Debugging and Testing, 12. Build, Deploy and Publish, Bonus chapter: Ionic without any framework, Ionic and

Capacitor, Ionic and React, Ionic and Vue Predecessor's Press Reviews: "The author manages to quickly familiarize experienced JavaScript and Angular developers with the finesses of the framework." (c't) "Our conclusion can only be: absolute recommendation." (netznews.org) "At the moment Dormann's book about Ionic is practically unrivaled." (c't) Buyers of the paperback edition get the ebook for free.

### **PhoneGap 4 Mobile Application Development Cookbook** Packt Publishing Ltd

Learn How to Get Your App on the App Store! These days, it seems that everyone wants to build mobile apps. Even web developers. The trouble is, there are too many technologies involved. And the process is really involved and somewhat convoluted. If you are a web developer and want to build mobile apps, but you do not want to take the time to learn multiple technologies, then this book is for you. These days, you don't have to ignore standard Web technology such as HTML, JavaScript, and TypeScript. I will show you not only how easy it is to build your own app, but also how fun it can be. You will see how you can quickly take your

existing Web application and deploy it to the Apple App Store and make it available to millions of iOS devices. Did you know that almost a third of all apps in the Apple App Store are built with Web technologies? How amazing is that? Now it is your turn. Get your favorite Web app ready and join me on this fast-paced journey to enter the world of mobile application development. I do not want to waste your time! This book is about one thing and one thing only. Getting your web application onto the Apple App Store, where it will then be available to the tens of millions of iOS users all over the world. In this book, I will show you how to get a web application prepared and deployed to the Apple App Store. How are you going to do that? With Capacitor from Ionic. Capacitor is a newer technology that will allow you to wrap an existing web application into an Xcode project and then deploy it to the Apple App Store. This book will cover the basics you need to take one of your own web apps (or you can use one of mine if you prefer). When you are finished, you should be able to replicate the process with every web app you want to put in the hands of iOS owners everywhere.

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