

# Ionic Dev

Greg Lim

**Ionic : Hybrid Mobile App Development** Rahat Khanna,Sani Yusuf,Hoc Phan,2017-06-14 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.

**Mobile App Development with Ionic 2** Chris Griffith,2017-04-10 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

*Hybrid Mobile Development with Ionic* Gaurav Saini, 2017-04-27 Build a complete, professional-quality, hybrid mobile application with Ionic About This Book Develop high-grade and performance-optimized hybrid applications using the latest version of Ionic Discover the latest and upcoming features of Ionic A practical guide that will help you fully utilize all the features and components of Ionic efficiently Who This Book Is For The target audience for this book is intermediate-level application developers who have some basic knowledge of Ionic. What You Will Learn Use every Ionic component and its customization according to the application along with some important third party components Recently released Lazy Loading and Grid System supporting desktop application with Electron Integration of the various Ionic backend services and features such as Ionic Push, DB, Auth, Deploy in your application Exploration of white-listing, CORS, and various other platform security aspects to secure your application Synchronization of your data with the cloud server and fetching it in real time using Ionic Cloud and Firebase services Integration of the Cordova iBeacon plugin which will fetch contextual data on the basis of location and Websockets for real time communication for IOT based applications Implementation of offline functionality in your PWA application using service-worker, cache storage and indexedDB In Detail Ionic is an open source, front-end framework that allows you to develop hybrid mobile apps without any native-language hassle for each platform. It offers a library of mobile-optimized HTML, CSS, and JS components for building highly interactive mobile apps. This book will help you to develop a complete, professional and quality mobile application with Ionic Framework. You will start the journey by learning to configure, customize, and migrate Ionic 1x to 3x. Then, you will move on to Ionic 3 components and see how you can customize them according to your applications. You will also implement various native plugins and integrate them with Ionic and Ionic Cloud services to use them optimally in your application. By this time, you will be able to create a full-fledged e-commerce application. Next, you will master authorization, authentication, and security techniques in Ionic 3 to ensure that your application and data are secure. Further, you will integrate the backend services such as Firebase and the Cordova iBeacon plugin in your application. Lastly, you will be looking into Progressive Web Applications and its support with Ionic, with a demonstration of an offline-first application. By the end of the book, you will not only have built a professional, hybrid mobile application, but will also have ensured that your app is secure and performance driven. Style and approach A step-by-step guide (covering all its features and components) to build a complete mobile application using Ionic. Each chapter will cover different features of Ionic.

**Mobile App Development with Ionic, Revised Edition** Chris Griffith, 2017-08-18 Learn how to build app store-ready hybrid apps with Ionic, the framework built on top of Apache Cordova (formerly PhoneGap) and Angular. This revised 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 Universal. 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

**Build Mobile Apps with Ionic 4 and Firebase** Fu Cheng, 2018-11-02 Leverage your existing web development skills to learn the whole cycle of hybrid mobile app development. This edition is fully updated with the changes in Ionic 4, including Stencil, a new framework based on the web

components standard. It explains Ionic and Firebase in detail, including how to create hybrid mobile apps using React and Vue, and run those apps in an internal browser using a wrapper created by Apache Cordova. Build Mobile Apps with Ionic 4 and Firebase shows you how to focus on developing front-end code, without needing to manage any back-end code or servers. You'll learn in the context of building a Hacker News client app, which can view top stories in Hacker News, view comments of a story, and add stories to favorites. Explore how Ionic 4 uses Angular as the JavaScript framework to easily develop apps using an interface similar to native apps, and how to access Firebase, a real-time database, in web apps using JavaScript. What You'll Learn Create content-based Ionic mobile apps Work with new Ionic 4 components like gesture, text, and keyboard controller Manage your apps with RxJS & Redux Who This Book Is For Front-end developers and mobile app developers

**Ionic Framework By Example** Sani Yusuf, 2016-01-27 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.

Build Mobile Apps with Ionic 2 and Firebase Fu Cheng, 2017-05-02 Learn to build hybrid mobile apps using Ionic and Firebase. You'll build a Hacker News client app, which can view top stories in Hacker News, view comments of a story, add stories to favorites, etc. This introductory guide covers the whole cycle of hybrid mobile apps development. It's organized around implementing different user stories. For each story, this book not only talks about how to implement it but also explains related Ionic and Firebase concepts in detail. Using Apache Cordova, developers can create a new type of mobile app—a hybrid mobile app. Hybrid mobile apps actually run in an internal browser inside a wrapper created by Apache Cordova. With hybrid mobile apps, developers can have one single code base for different platforms. Developers also can use their existing web development skills. The Ionic framework builds on top of Apache Cordova and provides out-of-box components which make developing hybrid mobile apps much easier. Ionic uses Angular as the JavaScript framework and has a nice default UI style with a similar look and feel to native apps. Firebase is a realtime database which can be accessed in web apps using JavaScript. With Build Mobile Apps with Ionic 2 and Firebase you'll discover that just need to develop front-end code,

there's no need to manage any back-end code or servers. What You'll Learn Create content-based Ionic mobile apps Discover the advanced features of the Ionic framework Use Firebase as a mobile app's back-end storage Build, test, and continuously delivery Ionic mobile apps Publish and analyze Ionic mobile apps Who This Book Is For Front-end developers and mobile app developers

**Mobile App Development with Ionic** Christopher Griffith, 2017

**Ionic in Action** Jeremy Wilken, 2015-09-20 Summary Ionic in Action teaches web developers how to build cross-platform mobile apps for phones and tablets on iOS and Android. You'll learn how to extend your web development skills to build apps that are indistinguishable from native iOS or Android projects. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Book Wouldn't it be great if you could build mobile apps using just your web development skills? With Ionic, you can do just that: create hybrid mobile apps using web technologies that you already know, like HTML, CSS, and JavaScript, that will run on both iOS and Android. Ionic in Action teaches web developers how to build mobile apps using Ionic and AngularJS. Through carefully explained examples, the book shows you how to create apps that use UI components designed for mobile, leverage current location, integrate with native device features like the camera, use touch gestures, and integrate with external data sources. Learn to test your apps to improve stability and catch errors as you develop. Finally, you'll discover the command-line utility, and how to build and deploy to app stores. What's Inside Create mobile apps with HTML, JavaScript, and CSS Design complex interfaces with Ionic's UI controls Build once and deploy for both iOS and Android Use native device hardware and device-specific features Covers the entire mobile development process About the Reader Readers should know HTML, CSS, and JavaScript. Familiarity with AngularJS is helpful but not required. About the Author Jeremy Wilken is a senior UX software developer who works with Ionic, AngularJS, and Node.js. He lives in Austin, Texas. Table of Contents Introducing Ionic and hybrid apps Setting up your computer to build apps What you need to know about AngularJS Ionic navigation and core components Tabs, advanced lists, and form components Weather app, using side menus, modals, action sheets, and ionScroll Advanced techniques for professional apps Using Cordova plugins Previewing, debugging, and automated testing Building and publishing apps

**Getting Started with Ionic** Rahat Khanna, 2016-01-18 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.

*Developing a Mobile Application UI with Ionic and Angular* Michael D Callaghan,2020-05-24 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 MapThis 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 MoreBook 2: Dealing with DataOnce 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 DeploymentSometimes, 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.

**Beginning Ionic Mobile Development** Greg Lim,2017-07-17 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

**Developing a Mobile Application UI with Ionic and React** Michael Callaghan, 2020-05 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 Arvind Ravulavaru, 2017-04-28 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.

*Mastering Ionic* Cybellium Ltd, Elevate Your Mobile App Development with Mastering Ionic In the fast-paced world of mobile app development, creating powerful and engaging cross-platform apps is a must. Ionic, a versatile framework built on web technologies, enables developers to craft

stunning apps that run seamlessly on iOS, Android, and the web. Mastering Ionic is your comprehensive guide to becoming a proficient app developer, equipping you with the knowledge, skills, and strategies to build high-performance apps that captivate users across platforms. Your Path to Ionic Excellence Ionic isn't just a framework; it's a catalyst for innovation. Whether you're new to Ionic or an experienced developer looking to elevate your skills, this book will empower you to master the art of cross-platform app development. What You Will Discover Ionic Fundamentals: Gain a deep understanding of the Ionic framework, including Ionic Angular and Ionic React, and their unique advantages. Cross-Platform Development: Dive into the world of cross-platform app development, allowing you to build apps that work harmoniously on multiple platforms. User Interface Design: Learn to create stunning and responsive user interfaces using Ionic's pre-designed components and themes. Native Features: Explore the integration of native device features, such as camera, geolocation, and notifications, to enhance your app's functionality. Data Management: Master data storage, retrieval, and synchronization, connecting your app to various backends and databases. Testing and Debugging: Discover strategies for testing and debugging your Ionic apps to ensure reliability and performance. Deployment and Distribution: Learn how to package and distribute your apps to app stores and the web. Why Mastering Ionic Is Essential Comprehensive Coverage: This book provides comprehensive coverage of Ionic development, ensuring you have a well-rounded understanding of the framework and its capabilities. Expert Guidance: Benefit from insights and advice from experienced Ionic developers and industry experts who share their knowledge and best practices. Career Advancement: Cross-platform app development skills are in high demand, and this book will help you unlock your full potential in this dynamic field. Stay Competitive: In a mobile-centric world, mastering Ionic is vital for staying competitive and reaching a wider audience with your apps. Your Gateway to Ionic Mastery Mastering Ionic is your passport to excellence in cross-platform app development. Whether you aspire to be a mobile app developer, enhance your current app development skills, or broaden your app's reach across multiple platforms, this guide will equip you with the skills and knowledge to achieve your goals. Don't miss the opportunity to become a proficient Ionic developer. Start your journey to Ionic excellence today and join the ranks of developers who are shaping the future of cross-platform app development. Mastering Ionic is the ultimate resource for individuals seeking to excel in the world of cross-platform app development. Whether you are new to Ionic or looking to enhance your skills, this book will provide you with the knowledge and strategies to become a proficient cross-platform app developer. Don't wait; begin your journey to Ionic mastery today! © 2023 Cybellium Ltd. All rights reserved. [www.cybellium.com](http://www.cybellium.com)

**Learn Ionic 2** Joyce Justin, Joseph Jude, 2017-04-13 Explore key scenarios required for building quality Ionic apps quickly and easily and bring them to the iOS and Android mobile ecosystem. Learn Ionic 2 explains various techniques to quickly integrate third-party back end systems. With this short guide, you'll benefit from practical examples of implementing authentication and authorization, connecting to social media, integrating with payment gateway, and analytics integration. This book presents solutions to the challenges faced during the development process of these tasks. Validation is essential to the survival and eventual success of any startup. You validate your business idea by placing a product in the hands of your customers and getting them to interact with it. The Ionic framework makes this possible. What You'll Learn: Master end-to-end hybrid application development Create user management modules including signup, login, and forgotten passwords Use analytics to evaluate an application using Ionic Framework Who This Book Is For: Tech entrepreneurs and businessmen with ideas

**Ionic Cookbook** Hoc Phan, 2015-10-30 Over 35 exciting recipes to spice up your application development with Ionic About This Book Learn how to utilize the robust features of Ionic CLI and its framework to create, develop, and build your mobile app Explore new integrations with various Backend-as-a-Services, along with AngularJS modules, for creative solutions Use out-of-the-box Ionic functionalities, customize existing components, and add new components with this comprehensive, step-by-step guide Who This Book Is For If you are a front-end developer and want to take advantage of



your existing mobile application development skills to develop cross-platform mobile apps, this book is for you. You will build up your Ionic knowledge with in-depth recipes on Angular.js, Cordova, and Sass. What You Will Learn 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 a camera, contact list, e-mail, and maps using ngCordova Work with localStorage and SQLite for persistent data access on the client side Communicate to and from your app using push notifications or SMS Leverage AngularJS events and Ionic-specific events to communicate across pages, controllers, and directives Customize the color and theme of your Ionic app Create new custom directives as components Compile your app for iOS, Android, and Windows Phone In Detail The world of mobile development is extremely fragmented with many platforms, frameworks, and technologies available. Ionic is intended to fill that gap, by enabling developers to build apps that have a native feel to them, using web technologies such as HTML, CSS, and AngularJS. Ionic makes it easy for front-end developers to become app developers. The framework provides superior performance with deep Cordova integration and a comprehensive set of tools for prototyping, backend support, and deployment. Ionic Cookbook takes you through the process of developing a cross-platform mobile app using just HTML5 and the JavaScript-based Ionic. You will start with an introduction to the CLI and then move on to building and running an app. You will explore common features of real-world mobile apps such as authenticating a user, and getting and saving data using either Firebase or Local Storage. Next, the book covers how Ionic integrates with Cordova to support native device features using ngCordova, and you will discover how to take advantage of existing modules around its ecosystem. You will also delve into advanced topics, including how to extend Ionic to create new components. Finally, the book will walk you through customizing the Ionic theme and building the app so that it can be deployed to all platforms. Style and approach This book follows a recipe-based approach to cross-platform mobile app development, where each task is explained in a conversational and easy-to-follow style. Every topic explains individual features or components of Ionic, and provides extra details for readers to come up with custom solutions based on real-world applications.

**Ionic 2 Cookbook** Hoc Phan, 2016-11-30 Over 30 life-changing recipes to help you create cutting edge, hybrid apps with Ionic 2 About This Book Leverage Ionic 2 and its exciting new features to create cutting edge real-time apps Work through simple recipes to address your problems directly and solve them effectively Get examples at each step to guide you on your learning curve Who This Book Is For This book is for front end JavaScript developers who know the basics of JavaScript programming. No prior knowledge of Ionic is required to get the most of this book. What You Will Learn Create custom UIs using Angular 2 directives Make the best use of REST APIs to submit forms Create beautiful animations and graphics in the application Embed videos and other media into the app Access native device functionalities such as a camera and maps using ngCordova Theme the application based on the various platform styles available Publish your application to a variety of platforms Leverage Angular 2 events and Ionic-specific events to communicate In Detail Developing real-time apps is the need of the hour, and apps that deal with humongous amounts of user data and real-time information that needs to be updated frequently are in high demand. Currently, one of the most popular frameworks for this task is Ionic Framework, which is undergoing a major makeover. This book will get you started with Ionic and help you create Angular 2 components that interact with templates. From there, you'll work with Ionic components and find out how to share data efficiently between them. You'll discover how to make the best use of the REST API to handle back-end services and then move on to animating the application to make it look pretty. You'll learn to add in a local push notification in order to test the app. You'll work with Cordova to support native functionalities on both iOS and Android. From there, you'll get to grips with using the default themes for each platform as well as customizing your own. Finally, you'll see how best to deploy your app to different platforms. This book will solve all your Ionic-related issues through dedicated recipes that will help you get the best out of Ionic. Style and approach This book is a recipe-based solution to all your Ionic 2 related problems and will help you create cutting edge real-time apps with ease through simple-

to-understand step-by-step recipes.

### **Mobile App Development with Ionic 2, 1st Edition** Chris Griffith,2017

**Ionic 2 Blueprints** Indermohan Singh,2016-08-31 Build real-time, scalable, and interactive mobile apps with the Ionic frameworkAbout This Book- Create amazing, cross-platform hybrid native apps using a projects-based approach- Discover ways to make the best use of the latest features in Ionic to build on a wide array of applications- This is the right learning curve for you if you want to take the leap from an intermediate-level to a pro front-end developer with IonicWho This Book Is ForThis book is for intermediate-level Ionic developers who have some experience in working with Ionic, but don't yet have a complete idea how powerful Ionic can be to create real-time apps with dynamic functionality.What You Will Learn- Get to grips with the features of Ionic for application development- Build a Chat app with Firebase and Ionic- Make a stock tracking app using the third-party REST API and build its layouts with Ionic Navigation and Pages- Use Cordova plugins with Ionic to build a media player app- Create a production-ready application by using Ionic components, services, and Firebase as a back end- Get to know the best practices to create real-time Ionic applicationsIn Detaillonic 2, the latest version of Ionic Mobile SDK, is built on the top of latest technologies such as Angular 2, TypeScript, SASS, and lot more. The idea behind Ionic 2 is to make the entire app development process even more fun.This book makes it possible to build fun and engaging apps using Ionic 2. You will learn how to use various Ionic components, integrate external services, derive capabilities, and most importantly how to make professional apps with Ionic 2. It will help you in understanding the fundamentals of Ionic 2 app development and will show how to build applications, gradually increasing your capabilities and the complexity of applications so that you can learn Ionic app development in a consistent and convenient way.You will also explore services such as Firebase, using LocalStorage, the WordPress JSON API, and REST API, which will help you turn your next billion dollar idea into reality.By the end of this book, you will be able to proudly call yourself a pro Ionic developer who can create a host of different apps with Ionic, and you'll have a deeper practical understanding of Ionic.Style and approach A practical project-based approach helps you create five-six different apps on your own using the various features of Ionic in each project.

### Adopting the Beat of Expression: An Mental Symphony within **Ionic Dev**

In some sort of consumed by screens and the ceaseless chatter of quick conversation, the melodic splendor and emotional symphony created by the written term often disappear in to the back ground, eclipsed by the relentless sound and interruptions that permeate our lives. Nevertheless, located within the pages of **Ionic Dev** a marvelous literary value full of raw emotions, lies an immersive symphony waiting to be embraced. Crafted by a wonderful composer of language, that fascinating masterpiece conducts viewers on a mental journey, well unraveling the concealed tunes and profound affect resonating within each cautiously constructed phrase. Within the depths of this moving assessment, we will discover the book is central harmonies, analyze its enthralling writing style, and surrender ourselves to the profound resonance that echoes in the depths of readers souls.

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