



Build Mobile Apps with Ionic 2 and Firebase

Hybrid Mobile App Development

Fu Cheng

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Build Mobile Apps With Ionic 2 And Firebase

Chris Griffith



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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 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 2 and AngularFire2: Building Mobile Apps Steven Emmerich, 2017

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

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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

Intelligent Systems, Technologies and

Applications Sabu M. Thampi, Ljiljana Trajkovic, Sushmita Mitra, P. Nagabhushan, Jayanta Mukhopadhyay, Juan M. Corchado, Stefano Berretti, Deepak Mishra, 2019-02-23 This book explores and discusses various aspects of intelligent systems technologies and their applications It constitutes the thoroughly refereed post conference proceedings of the 4th International Symposium on Intelligent Systems Technologies and Applications ISTA 18 September 19 22 2018 Bangalore India All submissions were evaluated on the basis of their significance novelty and technical quality This book contains 20 papers selected for presentation at the Symposium The book is chiefly intended for and offers a valuable resource for researchers and scientists engaged in various fields involving intelligent systems

Mobile App Development with Ionic Christopher Griffith, 2017

Mobile App Development Prabhu TL, 2024-12-26 Unlock the Secrets to Building Powerful Mobile Apps In today's fast paced digital world mobile apps are more than just tools they are essential to connecting people transforming businesses and driving innovation Whether you're a budding developer a seasoned professional or an entrepreneur with a groundbreaking idea Mobile App Development is your ultimate guide to mastering the art and science of creating impactful mobile applications This comprehensive book takes you on a journey through every stage of mobile app development From the initial spark of an idea to the final deployment and beyond you'll gain the knowledge and skills needed to design build and launch apps that captivate users and achieve business success

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Proceedings of the Future Technologies Conference (FTC) 2025, Volume 3

Kohei Arai,2025-11-20 This book aims to provide a comprehensive reference for the research community and practitioners engaged in future technologies The Future Technologies Conference FTC 2025 was held on 6 7 November 2025 in Munich Germany bringing together researchers academics and industry professionals to present and discuss advances in various technology areas The conference encompassed topics such as Technology Trends Artificial Intelligence Computer Vision Data Science Computing Ambient Intelligence Security and e Learning A total of 485 papers were submitted and following a thorough peer review process 175 papers were accepted for publication These proceedings include contributions that highlight both foundational research and practical applications in emerging technologies

Intelligent Computing Kohei

Arai,Rahul Bhatia,Supriya Kapoor,2019-06-22 This book presents the proceedings of the Computing Conference 2019 providing a comprehensive collection of chapters focusing on core areas of computing and their real world applications Computing is an extremely broad discipline encompassing a range of specialized fields each focusing on particular areas of technology and types of application and the conference offered pioneering researchers scientists industrial engineers and students from around the globe a platform to share new ideas and development experiences Providing state of the art intelligent methods and techniques for solving real world problems the book inspires further research and technological advances in this important area

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 Mobile App Development with Ionic 2, 1st Edition Chris Griffith,2017 *Building Mobile Apps with Ionic 4* Samarth Agarwal,2019 This course shows you how to get started with Ionic 4 You will use UI components that come with Ionic and are available for use in your apps right out of the box You ll connect your Ionic app with a NoSQL database such as Firebase to enable your app to use all the amazing Firebase features such as Firebase Auth and Cloud Firestore You will work on the ToDo APP project a Task Manager app using Ionic By the end of the course you ll have used Ionic 4 to build and prepared a cross platform app for release into Google Play Store and App Store Resource description page **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 DetailIonic 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

Flutter Recipes Fu Cheng,2019-10-10 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

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