1. Record Nr. UNINA9910459918603321 Autore Sheehan Matthew **Titolo** Developing mobile web ArcGIS applications: learn to build your own engaging and immersive geographic applications with ArcGIS // Matthew Sheehan: commissioning editor Kartikey Pandey; acquisition editor Rebecca Youe; technical editor Vivek Pala; copy editor Jasmine Nadar Birmingham, England;; Mumbai, [India]:,: Packt Publishing,, 2015 Pubbl/distr/stampa **ISBN** 1-78439-200-6 Descrizione fisica 1 online resource (156 p.) Collana Community Experience Distilled Disciplina 910.285 Soggetti Geographic information systems Web site development Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Cover; Copyright; Credits; About the Author; About the Reviewers: Nota di contenuto www.PacktPub.com; Table of Contents; Preface; Chapter 1: Introduction to Mobile Web ArcGIS Development; Screen size; Interacting with mobile applications; From clickable to tappable; New data input and collection methods; Providing interaction feedback; Designing for mobile: Simplicity and intuition; Layout; Orientation; Styling; Mobile Targeted functionality; Focused mobile applications; Target audience GIS versus non-GIS users; Fast responding mobile applications; Working with mobile browsers Web, native, and hybrid mobile applications Mobile frameworks. toolkits, and libraries; Bootstrap; PhoneGap; Summary; Chapter 2: Understanding Mobile Frameworks and APIs; Esri ArcGIS JavaScript API; Dojo and jQuery mobile; Dojo; Dojo Widgets and Plugins; jQuery Mobile; Dojo and Esri's ArcGIS API for JavaScript; Bootstrap and

Responsive design; Geolocation API; Summary; Chapter 3: Building Your

JavaScript development tools; WebKit and browsers; Web server setup;

First Mobile ArcGIS Application: Development and coding review:

The ArcGIS API for JavaScript API; ArcGIS map layers

Listening for map eventsJavaScript Geolocation API; Summary; Chapter 4: Advancing the Basic Mobile ArcGIS Application; Getting started; Adding popular tools; Feature pop ups; Adding a legend; Finding features; Address search; Summary; Chapter 5: Providing Cross-Device Support with Responsive Design; Approaches to Cross-Device Support; The magic of style sheets; Responsive design using Bootstrap; Adding responsive page elements; Responsive tools; Summary; Chapter 6: Integration with ArcGIS Online; Introduction; ArcGIS Server and ArcGIS Online; ArcGIS Online basics; Named Users and Groups WebmapsOAuth authentication; Building an ArcGIS Online mobile application; Summary; Chapter 7: Developing Hybrid ArcGIS Mobile Applications with PhoneGap; Introducing PhoneGap; PhoneGap setup; Test Build; Generating an Android certificate; Developing hybrid ArcGIS mobile applications; Additional code examples; Plugins; PhoneGap Build; Summary; Index

Sommario/riassunto

This guide is invaluable to those just starting out with GIS development but will also benefit GIS professionals wishing to expand their development skills to include mobile apps.