

Mobile Application Development Training course

In this course, you'll learn how to imagine, design, build, and optimize a cross-platform mobile app using the very latest HTML5 standards. The result will be a mobile app that's fast and runs on just about any smartphone or tablet.

You'll also learn some of the most sought-after skills in Web and mobile development, including:

- ✓ Introduction and getting started
- ✓ User interface and controls
- ✓ Graphics and styling
- ✓ Supporting multiple screens
- ✓ Animation and graphics
- ✓ Menus and dialogs
- ✓ Working with media
- ✓ Preferences and data storage
- ✓ XML and JSON
- ✓ Location and maps
- ✓ Creating widgets
- ✓ Publishing Apps., adding, displaying and deleting
- ✓ Sending mail
- ✓ HTML5 and how it's different from previous versions of HTML.
- ✓ CSS3, the layout and styling language of the mobile Web.
- ✓ Scripting with JavaScript and several JavaScript frameworks and techniques such as jQuery, jQuery Mobile, and AJAX.
- ✓ How to use Web services such as Google Maps in your app.
- ✓ How to determine an app's user location by accessing the built-in geolocation capabilities of the user's smartphone.
- ✓ How to use Web Application Programming Interfaces (Web APIs) to combine different Web services to create mobile mashups.
- ✓ How to optimize your app for performance to make sure that it runs as fast as possible for your users.
- ✓ How to convert your HTML5 apps into native apps that you can submit to app stores such as Apple's App Store, Google Play, and Blackberry App World.
- ✓ Debugging

By the end of the course, you'll have built your first mobile web app, and you'll be on your way to making your dream of being a successful mobile app developer a reality!