Understanding Android Application Basics

BUILDING A SIMPLE APP

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Goals of This Course Series

Skills

Provide skills necessary to be an effective Android developer

Certification

Provide the knowledge necessary to pass the Android Associate Developer exam

What to Expect from This Course Series

Understanding Android App Basics

Working with Android Tools & Testing

Enhancing the App Experience

Broadening App Appeal and Reach

Managing App Data with SQLite

Exposing Data & Info Outside Your App

Leveraging the Power of the Platform

What to Expect from This Module

Download and install Android Studio

Create a new Android project

Design UI layout

Add functionality with code

Test app with an Android emulator

Summary

Android Studio

- Complete Android dev environment

Layout files

- Describe UI

Activity

- Code and functionality to present UX

Android Emulator

- Run and test apps from your desktop
- a.k.a. Android Virtual Device (AVD)

What to Expect from This Course

Building a Simple App

Designing and Planning Our App

Understanding Activity & Layout Interaction

Working with Activities and Activity Lifecycle

Using Option Menus and Digging Deeper into Activity Lifecycle