**Android Application Development**

**Duration: 3 Days**

**Day 1 - Introduction to Android**

* ~~Android Overview and History~~
* ~~Architecture of Android Platform~~
* ~~Android Application Development Framework~~
* ~~Android Platform APIs and Versioning~~
* ~~Overview of Android Development Tools~~
* ~~Building and Running the First Android App~~

**Android Application Fundamentals**

* ~~Building Blocks of Android Apps~~
* ~~Activity, Service, BroadcastReceiver, ContentProvider~~
* ~~Activating Components using Intents~~
* ~~Shutting Down Components~~
* ~~Android App lifecycle~~
* ~~Activity Life Cycle~~
* ~~Debugging Android Apps using DDMS, LogCat, ADB~~

**Day 2 - Android User Interface**

* Views and View Groups
* Using Web Views
* Using Layouts
* Handling UI events
* Creating Menus
* Toasts, Notifications and Push Notifications
* Adapters

**Android Intents, Broadcast Receivers and Services**

* Types of Intents
* Intent Filters and Intent Resolution
* Sending Broadcasts
* Receiving Broadcasts
* Registering Broadcast Receivers
* Android Services and Service life Cycle
* Writing a Service
* Introduction to Fragments

**Day 3 - Data Storage**

* Content Providers and Content Resolvers
* Themes and Implementation of Custom Themes

**Resources**

* Types of Resources
* Creating and using resources
* Localization
* Caching And Performance Optimization