Professional ANDROID Developer [SM]

Duration: 6 Months

Professional Android Developer Program is designed for people who are interested in learning programming on Android platform. Android is a software platform that's revolutionizing the global cell phone market. It's the first open source mobile application platform that's moved the needle in major mobile markets around the globe. Android is primarily a Google effort, in collaboration with the Open Handset Alliance. Open Handset Alliance is an alliance of nearly 50 organizations committed to bringing a "better" and more "open" mobile phone to market. Considered a novelty at first by some, Android has grown to become a market-changing player in last few years, earning both respect and derision alike from peers in the industry. This program will give knowledge about Android OS and its programming. After learning this program the student can develop its own applications on Android.

Career Opportunities: Junior Programmer, Trainers, Application Developer, Interface Designer, Technical Support Executive. Work as a Freelancer. The course gives career readiness for fast growing mobile app development industry.

Program Contents

Module - 1 Certificate Course in Programing Concepts and Techniques

C Programming	Data Structures	Abstract Class	Data Types and Variables
Introduction to C	File Handling	File Input / Output	Expressions / Operators
Data Types	**C++ Programming**	Class Templates	Functions / Classes
Expressions and Operators	Introduction to C++	Exception Handling	Exception Handling
Control Statements	OOPS Concepts	Data Structures	Loops / Strings / Arrays
Switch / Loops / Arrays	Constructor / Functions	**Core Java**	Interfaces and Packages
Strings and Integer	Operators / Classes	Introduction to Java	Threading / Files Input / Output
Functions / Pointers	Conversion Types	Java Basic Syntax	Inheritance / Polymorphism

Module - 2 Certificate Course in Android Developer

Android Programming	Networking and Web Services	Application Source Code	Introduction to Site Monitor
Introduction to Android	Telephony	Server Code	AppWidget Data Handling
Android Components	Notification and Alarms	Androids Bluetooth Capabilities	Android Native Development Kit
Android SDK	Graphics and Animation	Sensor Manager	Building the JNI Library
Introduction to Eclipse	Multimedia	Managing Contacts.	Building the User Interface
User Interface	Location Services.	Android Web Development	Integrating the NDK into Eclipse
Storing and Retrieving Data	First Android Application	Introduction to AppWidget	Introduction to Android Studio