

SLOG SOLUTIONS PRIVATE LIMITED
TECHNOLOGY: ANDROID
DURATION: MODULE 1 (4 WEEK)
MODULE 1+2 (6 WEEKS)

MODULE 1:

ANDROID Essentials

Introduction to Android:

- What is Android, History and Version & Scope.
- Installing & setup JDK, Android Studio & Android Virtual Device (Emulator)
- Install & setup Android SDK & Tools (Oreo 28 API Version)

Activities:

- What is an Activity?
- Creating an Activity
- Deployment of Toast Application

Introduction to XML on Material Design:

- Declare an Attribute in XML
- UI Design
- UI creation using XML
- Android manifest file

Working with User Interface & Event Listener:

- Button, Text View, Toggle Button, RadioButton, CheckedTextView, Spinner, Progress bar, AutoCompleteTextView, AlertDialog ImageView, Image Button, Seekbar. Etc
- Splash
- Types of Intent
- Implicit
- Explicit

Adapter and Adapter View:

- Adapter
- Type of Adapter
- Adapter View
- List View
- Media Player
- Grid View
- Spinner
- Text to speech
- Animations(Frame)

Working with GPS:

- Google API

Android Database Local & Server

- Shared Preference
- Sql Lite Database
- Fragment

Fragment & Web Service & Parsing:

- What is Web Service?
- XML Parsing
- JSON Parsing

MODULE 2:

Broadcast Receiver

- Receive message in your app
- Read charging connect disconnect
- Read phone receive pick etc..

Content provider

- Get contact data
- Read sms
- Getting media

Telephony manager

- Reading the phone, network, data connectivity, and SIM states
- Fetching Phone Book
- Making Phone Calls
- Controlling the Phone

Location Tracking

- Know your location
- Firebase Integration:
- Firebase Authentication
- Remote config
- OTP number firebase
- Gmail Intrigation



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