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ACADEMY

Android

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LIVE ANDROID PROJECT TRAINING

LogicRays Academy is a place of opportunities where every aspiring student is directed towards success. At LogicRays Academy, we stand by those visionary aspirants who are looking for that much desired Live Project Training in Ahmedabad. With the purpose to deliver quality oriented and dedicated Live Training; we employ cutting edge technology so that our students are above the cut-throat competitive environment.

With the avid composition of awareness, opportunity, network, and accomplishment; we ensure that our students don't miss any break coming their way and hence provide the best Live Project Training in Ahmedabad.

If you also aspire for the same. Moreover, a risk-free demo at the Institute would assist you to have a deeper insight into the Training Project.

[MODULE-1] BASIC OF OBJECT ORIENTED PROGRAMMING LANGUAGE CONCEPT

- Class
- Object
- Inheritance
- Interface
- Abstraction
- Encaptulation
- Polymorphism

[MODULE-2] INTRODUCTION TO ANDROID

- Introduction to Android
- Introduction of Students
- Career in Android
- Working on Project and Assignment
- Using Lab

*SHAPE YOUR **DREAM CAREER** WITH LOGICRAYS **CAREER ORIENTED** COURSES*

[MODULE-3] FUNDAMENTALS OF ANDROID

- Software Engineering with SDLC
- Use Case
- DFD
- Flowchart
- SQL Database

[MODULE-4] ANDROID OS

- Introduction to Android
- Android System with Architecture
- Development with Android – Platforms, Tools
- Versions
- Setup Android Environment
- Say Hello to Android Application
- Activity
- Activity Lifecycle
- Fragments
- Fragment Lifecycle
- Intents
- Bundle

[MODULE-5] ANDROID UI AND COMPONENT USING FRAGMENTS

- Create Android UI
- Working with Layouts
- Linear Layout
- Relative Layout
- Grid Layout
- Constraint Layout
- Create Custom Layouts
- Work with UI Components and Events
- Text View
- Edit Text
- Validate Data
- Button
- Checkbox
- Radio and Radio Group
- Rating Ba
- Progress Bar
- Seek Bar
- Web View
- Mterial Design Toolbar, Tab Layout
- Recycler View and Card View
- Butter knife

[MODULE-6] DATABASE CONNECTIVITY

- Storage in Android
- Shared Preferences
- Android Requesting Permission at run time(Android 6.0)
- Work with SD Card and Files
- Database in Android
- Introduction to SQLite
- SQLite OpenHelper Class
- Create, Open and Close Database
- Database Insert, Update, Delete
- Read Data with Cursor(Content Provider)
- Room Database

[MODULE-7] ANDROID INDUSTRY REAL TIME PROJECT IMPLEMENTATION

- Web Services and Parsing
- JSON Parsing
- Access web data with JSON
- Connect to Web Services
- Using Async Task
- Third Party Libraries
- OkHttp
- Retrofit
- Volley
- Glide
- Picasso – 2

[MODULE-8] ADVANCED ANDROID DEVELOPMENT

- Google Map, Location Service, and GPS
- Creating a Google Map
- Work with Location
- Location service with Location Manager
- Find Current Location
- Geocoding
- Bitmap
- Work in Background
- Services
- Notification Services
- Broadcast Receiver
- Firebase
- FCM(Firebase Cloud Messaging)
- Social Media Integration

[MODULE-9] ANDROID LIVE PROJECT

- Work with Android System
- Taking Picture with Camera and Gallery
- Dalvik Debug Tool
- Logcat
- Emulator and Device Control
- Work with ADB
- Execute Application on Real Device
- Publish your Application

TRAINING INCLUDES THE FOLLOWING SERVICES

- **Theoretical sessions**
- **Practical session**
- **Doubt solving session**
- **Analysis & Evaluation**
- **Assignments**
- **1 mini project**
- **1 live project**
- **Special soft skill training**
- **Interview preparation**
- **Interviews**
- **Experience Certificate**

OTHER COURSES WE OFFER

- Magento
- Node JS
- PHP
- C / C++
- React JS
- Python
- Java
- AI
- Graphic Design
- Web Design
- Digital Marketing
- Software Testing