MASTER ANDROID DEVELOPMENT COURSE With Placement

Build In-Demand Professional Expertise with Real-Time Hands-on Android Development Training

Offered in collaboration with IIT Guwahati Alumni

COURSE HIGHLIGHTS

- 100% Real-time Android Basic Theoretical + Live Labs
- Industry Standard Curriculum Designed by Experts
- Hands-on Real-time Android Projects Development
- 100% Dedicated Placement Support to MNC's & Top Recruiters

18+	500+	25K	10K
Learning Hours	Learners	Learners	Learners

Enroll Anytime
Flexible Schedules
Online Classes

STARTS HERE !

ARE YOU FACING THESE CHALLENGES ?

How InventATEQ Helps You

ABOUT INVENTATEQ

InventATEQ is a leading IT training & placement company committed to transforming learners into industry-ready professionals.

Our Mission

To empower learners with cutting-edge skills, practical knowledge, and career support that helps them succeed in the ever-changing tech industry.

Our Vision

To be a trusted global leader in IT education, bridging the gap between learning and employment with innovation and excellence.

Why Thousands Choose InventATEQ?

10+	500+	25,000+	10,000+
Years Of Excellence	Hiring Partners	Students Trained	Students Placed

We Collaborate With

Deloitte. Capgemini HEXAWARE INFACTA. Tech Mahindra

WHY LEARN ANDROID DEVELOPMENT ?

Android powers over 3 billion devices worldwide, making it the most in-demand mobile platform. Companies are actively hiring skilled Android developers to drive critical digital transformation projects.

CAREER SCOPE OF ANDROID DEVELOPMENT

- Experienced Android Developer
- Android Application Developer
- Freelance Android Developer
- Cross-Platform Application Developer
- Android Application Architect
- Python Android Game Developer
- Android Application Security Developer
- Android Software Development Manager
- Wholesale Job Prospects

Continuous Enhancement Becomes Timeless With Never-Terminated Benefits

Pay as per your convenience

₹6, 0 LPA – ₹18 LPA

WHY INVENTATEQ ?

We are more than just placement. At 2500+, students are trained and set up for real!

STUDENT ACCLAIMED

- 100% Placement Assistance Support
- Resume, GitHub & LinkedIn Support
- Mock & Actual Interview Support
- Industry Pilot Technical Interviews
- Communication Class with Real Time

COURSE & CERTIFICATE VIDEOS

At InventATEQ, Your Success Is Our Mission !

GUARANTEED PLACEMENT SUPPORT

Dedicated Placement Support Cell to assist you in your job search

- Aptitude Training
- Group Discussion
- Mock Interviews
- Off-campus Preparation
- Resume Preparation
- Linkedin Profile Optimization
- Soft Skill Training
- Placement Drives & Hiring Events

OUR ALUMNI WORK AT

Wipro | Infosys | Capgemini | Tech Mahindra | HCL TECH | ACCENTURE

OUR PLACEMENT STATS

10,000+	5000+	95%	4LPA
Students Placed	Hiring Partners	Placement Assistance	Average Salary Package

Check Placement Records

CAREER PROGRESSION

With InventATEQ, Technical Competency is Ensured Which Enables Professional to Reach the Top

Role	Primary Responsibilities	Skills Developed
Android Developer	Design, code and debug Android apps, integrating backend services and APIs	Proficiency in Android Studio, Java/Kotlin, RESTful APIs, and mobile UI/UX principles
Senior Android Developer	Architect scalable Android applications, mentor junior developers, and optimize performance	Advanced knowledge of design patterns, performance tuning, and leadership skills
Android Team Leader	Lead Android development projects, coordinate with cross-functional teams, and ensure timely delivery	Project management, team collaboration, and technical decision-making

SKILLS ROADMAP

Progress from core concepts to cross-platform mastery and beyond your boundaries

Beginner	Practical Application	Advanced Solutions
Core Java Fundamentals	Android Studio Setup & Basic UI Development	Advanced Android Architecture & Performance Optimization
Object-Oriented Programming	Data Storage & Networking in Android Apps	Cross-Platform Development & Deployment
Version Control with Git	Testing & Debugging Android Applications	Continuous Integration & Delivery (CI/CD)

DETAILED MODULE PLAN

Module 1: Android and Mobile

- Introduction to Android
- Android Architecture, Android Versions, and Installing your App Running
- Setting up Android SDK, JDKs, and Android Studio, Installation, and project creation
- Understanding Android Project Structure and Android Application Components
- Planning Application and Activity Lifecycle and Multiple Screen Support

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE

Module 2: Android Programming for Android

- Activities, Intents and Intent Filters, Explicit and Implicit Intents, Activity Lifecycle
- Fragment, Lifecycle of Fragments, Fragment States
- Adding and Removing Fragments in the Activity
- Managing Fragments and Navigation
- Communication with Fragments
- Using Support Libraries, Android Compatibility, Android Jetpack Library

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Practice the difference between Activities, Fragments, and Intents with a hands-on mini-project.

Module 3: UI Development and Material Design

- Activities, Fragments, and Intents, Layouts and Resources, Supporting Devices
- Buttons, Text Fields, Text, Categories, and Responsive UI Considerations
- Menus, Settings, Dialogs, Pickers, and Toasts, Implementing Navigation
- Drawer and Tab Navigation, Lists and Cards, Customizing Views, Recycler View
- Transitions and Animations, Graphics, Canvas, and Custom Drawing, Accessibility
- Intro, Wear Apps

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Design and implement a multi-screen UI with Material Design components and navigation.

Module 4: App Lifecycle and

- Background
- Understanding Activity and Process Lifecycles, Background Services
- Background Processes to Avoid and Improving Battery Life
- Working with Bound Services, Creating Bound Services, Notifications
- Sending and Scheduling Notifications, Broadcasts, Permissions

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Develop a background service that fetches data and displays notifications to the user.

Module 5: Data Storage and Local Persistence

- Overall Performance, Measuring Performance, Improving Layout Performance
- Room database abstraction for local data persistence
- Preferences, Saving Key-Value Data, Saving Files, Working with Files
- Choosing a storage solution based on app requirements

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Implement a local database using Room and perform CRUD operations.

Module 6: Networking and APIs

- HTTP basics, JSON parsing, and using Retrofit for API integration
- Using OkHttp for advanced networking features
- Handling network errors, timeouts, and offline scenarios
- Best practices for secure and efficient network communication

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Build a weather app that fetches real-time data from a public API and displays it.

Module 7: Deployment and Play Store Awareness

- App signing, build variants, release types, and APK/AAB understanding
- Play Store publishing process, app listing, and store optimization
- Versioning strategies and managing updates
- Overview: Successful understanding of Android ecosystem

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Prepare and publish a test release of your app to the Google Play Console.

Module 8: Testing, Debugging, and Quality

- Debugging techniques and tools
- Writing unit tests for business logic
- Introduction to UI testing and basics of testing automation
- Code quality, linting, and maintaining a clean codebase
- Improving reliability and performance

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Write unit tests for a class that validates user input and handles edge cases.

Module 9: Project Workflow

- Version control with Git and collaborative development practices
- Agile methodology, Scrum, and Kanban
- Code reviews, pull requests, and maintaining code quality
- Project management tools and tracking progress
- Time Administration Techniques Continue Developing, Time to Success
- Time Management Techniques Continue Developing, Time to Success, Typically, it should at least be 2 hours per day to continue developing your skills.

▶ WATCH LIVE
✓ ATTEMPT A CHALLENGE
Work in a collective, Architecture, APIs, and Design together in a small group and build a mini-app from scratch.

REAL-WORLD PORTFOLIO PROJECTS

Build Industry-Ready Applications and Showcase Your Skills to Employers

Project 1: Android Mobile Setup & Architecture

What to Do: Set up Android Studio, configure emulators, and create your first app using Activities and Intents.
Skills Gained: Android Studio, Java/Kotlin, Activity Lifecycle, Intents, Debugging
Tools used: Android Studio, Java/Kotlin, Gradle, Android Emulator, Git

Project 2: User Design Layout Data & Data Persistence

What to Do: Design responsive UIs using Layouts, Fragments, and Material Components, and implement local data storage.
Skills Gained: Layouts, Fragments, Material Design, SharedPreferences, SQLite, Room Database
Tools used: Android Studio, Material Components, Room Database, SQLite, Git

Project 3: Android Development Set-Up and Capstone

What to Do: Build a complete, production-ready app integrating all learned concepts and APIs.
Skills Gained: Full App Development, Networking, Publishing, Project Management
Tools used: Android Studio, Retrofit, Firebase, Google Play Console, Git, Agile Tools

Project 4: Architecture Recipes App

What to Do: Implement MVVM architecture with LiveData, ViewModel, and Repository pattern for clean code.
Skills Gained: MVVM, LiveData, ViewModel, Repository Pattern, Dependency Injection
Tools used: Android Studio, Jetpack Components, Hilt/Dagger, Git

Project 5: Architecture Reusable App Design

What to Do: Create modular, reusable components and libraries following SOLID principles.
Skills Gained: Modular Architecture, Custom Views, Library Development, Code Reusability
Tools used: Android Studio, Gradle, Custom Libraries, Git, Documentation Tools

ASSESSMENT FRAMEWORK

Real-time Skills Validation and Continuous Improvement

Assessment	Assessment Focus	Tools & Evaluation
Daily Coding Challenges	Problem-solving and algorithm implementation	Automated code evaluation and feedback
Weekly Quizzes	Theoretical knowledge and concept clarity	Online quiz platform with instant results
Weekly One-Min Presentations	Communication skills and technical explanation	Peer evaluation and instructor feedback
Project Milestones	Practical application and progress tracking	Code reviews and project demonstrations
Technical Mock Test	Comprehensive skill evaluation and readiness	Simulated interview environment

RESUME, GITHUB & LINKEDIN

Professional Profile Building and Personal Branding Development

- Resume Writing Basics
- Resume Preparation
- Resume Templates
- Resume Review
- Resume Submission
- Resume Feedback
- Resume Revision
- Resume Finalization
- Resume Submission
- Resume Feedback
- Resume Revision
- Resume Finalization
- Resume Submission
- Resume Feedback
- Resume Revision
- Resume Finalization
- Resume Submission
- Resume Feedback
- Resume Revision
- Resume Finalization

OUR STUDENT

Hear from our students about their success stories and how InventATEQ helped them achieve their goals

READ REVIEWS

WATCH VIDEOS

CONTACT US

IT JOB HUNTING ENDS HERE

Start your career path with InventATEQ's industry-leading course that gets you Dream Jobs!

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