

SkillShot: Android Development Bootcamp

Join the Course & Master Android
Development



04 Weeks



8.00 P.M



Speaker:
Shubham Thakur

Limited Seats – Enroll Today!

[Schoolofskilldevelopment.in](https://schoolofskilldevelopment.in)

Schedule

Class	Topic	Hands-On Activity	Outcome
1	Android & Kotlin Setup	Install Android Studio; Create first Kotlin app	Setup environment and create starter app
2	Layouts & UI Basics	Design UI with XML/Compose; Add buttons, text fields	Build functional app screens
3	Navigation & Lifecycle	Implement navigation between screens; Handle activity lifecycle	Manage app flow and state
4	Data Storage Basics	Use SQLite/Room for local data storage	Store and retrieve app data
5	Network Calls	Integrate Retrofit for API data fetch	Connect app to real-time data sources
6	Advanced UI & Animations	Add animations and Google Maps API	Enhance user experience with polish
7	App Testing & Debugging	Test app, fix bugs, profile performance	Quality assurance practices
8	Publishing & Capstone	Sign APK and prepare app for Play Store submission	Launch complete app project

SkillShot Java: Live & Hands-On Learning Syllabus

1

Class 1: Introduction and Environment Setup

- What is Android? Understanding the ecosystem and career paths
- Installing Android Studio and setting up your first project
- Introduction to Kotlin basics and Android app architecture
- Running your first app on emulator or device

2

Class 2: UI Basics with Views & XML

- Layouts: Linear, Relative, Constraint
- UI components: TextView, Button, ImageView, EditText
- Designing screens with XML and Jetpack Compose basics
- Responding to user input (onClick, Toast)

3

Class 3: Activities and Lifecycle

- Activities: creation, switching, and management
- Activity lifecycle methods (onCreate, onStart, onPause, onDestroy)
- Passing data between activities using Intents
- Manifest setup and permissions

4

Class 4: Fragments and Navigation

- What are fragments and why use them
- Fragment lifecycle and communication with activities
- Using Navigation Components to move between screens
- Back stack and state preservation



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Class 5: Data Storage Options

- SharedPreferences for simple key-value storage
- Using local databases: SQLite and Room
- Best practices for storing and retrieving data
- Practical exercise: create a persistent notes app

6

Class 6: Networking & APIs

- Making API calls with Retrofit or Volley
- Requesting data (GET/POST), parsing JSON responses
- Handling permissions for Internet and background work
- Example: connect app to a public web API

7

Class 7: Modern UI and Advanced Features

- Jetpack Compose advanced techniques
- Animations, themes, and styling
- Using media features: camera, audio, video preview
- Integrating third-party services (Firebase, Google Maps)

8

Class 8: Debugging, Testing & Deployment

- Best practices in testing and debugging Android apps
- Using Logcat, emulators, and device debugging tools
- Preparing an app for Google Play publishing
- Capstone project: finalize and showcase your app

WHY ENROLL IN THIS COURSE

Why This Course

Hands on learning

- Hands-on projects and live coding sessions

Expert Instructor

- Learn from experienced instructors

Portfolio Enhance

- Build a portfolio-ready final project

Live QnA

- Interactive Q&A sessions for doubt resolution

Beginner Friendly

- Ideal for beginners and working professionals

Contact Us!



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