

FULL CURRICULUM • 2026

App Development Kotlin

Build Android apps the way Google intends.

Every module, every lesson — the complete syllabus, end to end.

13

MODULES

59

LESSONS

5

MONTHS

₹20,000

FULL PROGRAMME

What this course covers

1

Level 1 • Beginner

Intro To IDE And Installation • OOPs In Kotlin

1 month • 4 modules • 14 lessons • ₹5,000

2

Level 2 • Intermediate

Getting started with Jetpack Compose • UI Components In Jetpack Compose • UI App's using Jetpack compose

2 months • 4 modules • 15 lessons • ₹6,500

3

Level 3 • Advanced

Recipe App using KOIN and KSP • CameraX Integration with Jetpack Compose • Services in Android

2 months • 5 modules • 30 lessons • ₹8,500

The whole journey

This is the complete syllabus for App Development Kotlin — 13 modules and 59 lessons, in the order you will learn them. The level markers show how far each stage carries you, but the curriculum runs as one continuous path from the first lesson to the last.

1

LEVEL 1

Beginner

Intro To IDE And Installation · OOPs In Kotlin

1 month · 4 modules · 14 lessons · ₹5,000



1. How to connect with mentors and Resolve doubts

1 lessons

- How to connect with mentors and Resolve doubts



2. Intro To IDE And Installation

2 lessons

- Intro To IDE
- Installing IDE



3. Introduction to Kotlin, Conditional Statements and Lists

6 lessons

- Getting started with the course
- Conditional Operators and If Statements
- When conditions in kotlin
- List operations in Kotlin (Part 1)
- List Operations in kotlin - Part 2
- Lists in Kotlin - Part 3 - Chaining and filtering



4. OOPs In Kotlin

5 lessons

- Classes And Objects
- Inheritance
- Interface
- Encapsulation
- Polymorphism

2

LEVEL 2

Intermediate

Getting started with Jetpack Compose · UI Components In Jetpack Compose · UI App's using Jetpack compose

2 months · 4 modules · 15 lessons · ₹6,500

- **5. Getting started with Jetpack Compose** 11 lessons
 - Module Introduction
 - Developing a splash screen
 - Setting Up app navigation
 - Understanding named parameters
 - Sending Data from one screen to another
 - Horizontal Pager Screen
 - Developing Top app bar
 - Creating tabs layout screen
 - Developing a simple card in compose
 - Creating data classes
 - Display data in list view
- **6. UI Components In Jetpack Compose** 1 lessons
 - Basic Views In Compose
- **7. UI App's using Jetpack compose** 2 lessons
 - Understanding compose UI
 - Understanding navigation in Compose UI
- **8. Movie App using Koin and RxJava (single.zip) for synchronous API call** 1 lessons
 - Movie App

3

LEVEL 3

Advanced

Recipe App using KOIN and KSP · CameraX Integration with Jetpack Compose · Services in Android

2 months · 5 modules · 30 lessons · ₹8,500

- **9. Recipe App using KOIN and KSP** 7 lessons
 - Setting up project and adding dependencies
 - Adding models and API Interface
 - Debugging and adding services
 - Add repository and it's implementation
 - Understanding Navigation and UI Components
 - Implementing and Explaining UI
 - Understanding Git command line and pushing code to git hub

- **10. CameraX Integration with Jetpack Compose** 11 lessons
 - Module Introduction
 - Getting Started With CameraX
 - Asking app permissions with Compose
 - Designing no permission screen and open Settings app
 - Display Camera Output
 - Getting started with Location Services
 - Handling Error Scenarios with GPS
 - Launched Effects With Condition
 - Display Preview of Captured Image
 - Writing Location and exif details on Image
 - Scope Storage
- **11. Services in Android** 1 lessons
 - Accessibility Services in android
- **12. Intro to Basic UI Components in XML** 4 lessons
 - Linear Layout And Button And Text View
 - Edit Text And Image View
 - RecyclerView
 - RecyclerView Outro
- **13. Pocket Wise (Expense Tracker App) With MVVM And Room Database** 7 lessons
 - Getting Started with Sqlite
 - Filtering Data in Sqlite
 - Expense Tracker App Part 1
 - Expense Tracker App Part 2
 - Expense Tracker App Part 3
 - Expense Tracker App Part 4
 - Expense Tracker App Part 5

Certificates & what comes next

You receive a certificate at the end of every level you finish. Join for a single level or the full programme — the choice is yours. Learners who stand out may be invited to work on live client projects as interns; these places are merit-based, limited, and depend on projects being available.