

# Ankur Upadhyay

ANDROID DEVELOPER

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Leetcode: leetcode.com/u/ankurupadhyay

## Personal Profile

With over **5+ years** of experience in building and designing Android applications — including **1.5 years of team leadership** — I specialize in architecting robust, scalable, and testable mobile solutions. Skilled in **Jetpack Compose, MVVM + Clean Architecture**, Gradle, custom libraries, Git, and CI/CD pipelines. I excel at translating business requirements into efficient **Low-Level Designs (LLD)** and maintain clean, maintainable codebases. My work includes multiple successful app launches on the Google Play Store.

## Skills

Languages	Kotlin	Java	Git	Algorithms	Gradle
Android Expertise	Android SDK	Jetpack Compose	Coroutine	MVVM	Low-Level Design (LLD)
AI Integration	AI-Powered Features	ML Integration	User Behavior Analysis	Personalization	
Tools & DevOps	CI/CD	GitHub Actions	Debugging	Agile Methodology	
Testing	JUnit	Espresso	Unit Testing	Play Store Deployment	
Libraries & Frameworks	Dagger 2	Hilt	Retrofit	OkHttp	Firebase   RoomDB   ExoPlayer   Razorpay

## Work Experience

### Cyient ( John Deere )

Pune, India

Senior Software Engineer

Sep 2024 – Present

- Working with the global **John Deere** mobile engineering team to deliver enterprise-level Android apps ensuring performance, scalability, and security.
- Architected a **multi-module, multi-flavor** Android structure with CI/CD automation, reducing build time and improving maintainability.
- Automated Gradle Lint checks and implemented GitHub hooks for pre-push validation, saving developer hours and enhancing code reliability.
- Developed secure authentication and encrypted data layers following **OWASP Mobile Security Guidelines**.
- Created the dynamic UI for the **John Deere Anubhuti App** using **Jetpack Compose** with reusable components and clean architecture.
- Authored thorough **unit and UI test cases** with **JUnit, Mockito, and Espresso**, ensuring minimal bugs and high production reliability.
- Tech Stack:** Kotlin, Jetpack Compose, Multi-Module Architecture, Build Flavors, Gradle Automation, GitHub Actions, CI/CD, JUnit, Mockito, Espresso, MVVM, Clean Architecture.

### Globant ( HSBC )

Pune, India

Senior Software Engineer

Sep 2023 – Apr 2024

- Implemented scalable UI screens in **Jetpack Compose** using clean architecture and MVVM for high reusability and testability.
- Integrated and optimized the internal **Platform Hub Library** to standardize UI/UX components across multiple banking modules.
- Automated Gradle tasks within CI/CD, improving build efficiency and reducing manual intervention.
- Tech Stack:** Kotlin, Jetpack Compose, Platform Hub Library, MVVM, CI/CD, Clean Architecture.

### Ranosys ( Aarong, CHC, Bench Shop )

Jaipur, India

Software Engineer

Jul 2021 – Jul 2023

- Aarong:** Global e-commerce app (100K+ downloads, 70K+ active users). Delivered core modules ensuring scalability and stability.
- Led migration to **MVVM Clean Architecture** with Kotlin, reducing crash rate by 30%.
- CHC Singapore:** Led Android development for a multimedia platform with real-time audio streaming and multithreading for high performance.
- Tech Stack:** Kotlin, Java, Firebase, Coroutine, Flow, DI, Services, UPI, Razorpay, ExoPlayer.

### Udaipur Vibes ( JFF, Pandeyji Technical )

Udaipur, India

Android Developer

Nov 2018 – Mar 2020

- JFF:** Local business app (9K+ downloads, 5K+ active users). Built client and admin apps to manage sales and data.
- Pandeyji Technical:** Developed an **E-learning app** with premium access, video courses, and integrated payments.
- Tech Stack:** Java, Kotlin, Firebase, Push Notifications, Razorpay, ExoPlayer, JSON Parsing.

## Education

### Mohan Lal Sukhadiya

Udaipur, India

Master in computer application

2016 - 2018