

Anup Ranjan

Engineering Student

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West Champaran, Bihar, India - 845106

Summary

Computer Science undergraduate with hands-on experience building scalable, real-world mobile applications. Proficient in Kotlin, Firebase, and modern Android architecture (MVVM). Leading end-to-end development from idea to deployment. Passionate about building high-performance apps with clean architecture and intuitive user experiences.

Education

B.Tech in Computer Science & Engineering

Panipat Institute of Engineering and Technology, Panipat

2023 – 2027

Higher Secondary (BSEB, Science Stream)

T.P Varma College, Bihar

2020 – 2022

Technical Skills

- **Languages:** Kotlin, Java, C, C++
- **Android Development:** Android Studio, XML UI, Jetpack Compose, Material3, KMP & CMP (Learning)
- **Architecture & Design:** MVVM, Clean Architecture
- **Backend & APIs:** Firebase (Auth, Firestore, Storage, FCM), REST APIs, Node.js, JSON
- **Database:** Firebase Firestore, MongoDB, MySQL
- **Libraries & Tools:** Hilt / Dagger, Retrofit, Razorpay SDK, Glide / Coil, Paging 3
- **Developer Tools:** Git, GitHub, Postman, Firebase Console, Gradle
- **Core Skills:** Data Structures & Algorithms, Problem Solving, Debugging, System Design

Projects

School Management System – ERP Web Application

Laravel, MySQL, Firebase, Razorpay, FCM

- Collaborated with a development team to build a complete ERP system for managing student lifecycle, attendance, and academic records.
- Performed quality assurance, testing, and debugging to ensure system reliability and performance.
- Provided client support by resolving user issues, handling bugs, and improving usability for non-technical users.

CampusMeals – Multi-Seller SaaS Platform

Android Studio, Firebase

- Developed a multi-vendor food delivery system for campuses with Admin, Seller, User, and Delivery apps.
- Implemented seller approval workflows and role-based access control for secure, scoped operations.
- Designed a scalable architecture suitable for SaaS deployment across multiple institutions.

BalVidya – Offline Learning App

Android Studio, SQLite

- Built an offline-first educational app for children with bilingual content (Hindi + English).
- Optimised for low-network rural environments using SQLite for local data persistence.
- Successfully published on the Indus App Store, independently from concept to deployment.

DocSetu – Productivity Utility App

Android Studio

- Developed a multi-feature utility app with a PDF viewer & creator and AI-powered background remover.
- Focused on offline usability with efficient file management tools for everyday productivity.

SynkRoom – Real-Time Messaging App

Android Studio, Real-Time Backend

- Building a real-time chat application with a focus on scalable messaging architecture.
- Exploring real-time data synchronization patterns for low-latency message delivery.

Certifications

- **Meta React Native Specialisation** — Coursera / Meta, 2025
- **Android Developer** — Octa Net Services Pvt. Ltd., 2024
- **Java Training (Spoken Tutorial)** — IIT Bombay, 2023

Achievements & Awards

- Published app on Indus App Store
- Built multiple production-level Android applications
- Developed multi-app ecosystem (User + Admin + Seller + Delivery)