

APURV AJAY KUMAR

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EXPERIENCE

Freelance Software Engineer

Self-Employed

May 2026 – Present

Remote

- Led development of an on-demand grocery delivery platform consisting of a **Flutter** mobile application, **React** admin dashboard, and **Django** backend.
- Designed and implemented **REST APIs** for authentication, role-based access control, product catalog, inventory, orders, payments, and delivery workflows.
- Integrated **OTP authentication**, **Razorpay** payments, and **Firebase Cloud Messaging**, along with configurable delivery slots, service areas, offers, and promotions.
- Managed application deployment and infrastructure using **Docker**, **Dokploy**, Linux, and CI/CD pipelines while working directly with the client throughout the development lifecycle.

Capsitech

Assistant System Engineer

July 2025 – March 2026

Jodhpur, Rajasthan

- Contributed to the design and development of a scalable **review management platform**, working with the Tech Lead on system architecture, database schema design, and end-to-end workflows.
- Built backend services using **Node.js**, **Express.js**, and **MongoDB** for subscription management and review processing, including database indexing and schema optimization.
- Designed asynchronous processing with **RabbitMQ** to offload AI-powered sentiment analysis and background workloads from synchronous request flows.
- Supported production deployments and infrastructure using **Docker**, **GitHub Actions**, **Jenkins**, **Nginx**, and Linux server administration.

PROJECTS

Yearly Progress | Kotlin, Jetpack Compose, MVVM, Hilt

Feb 2022 – Present

- Built and maintain a production Android productivity application using **Kotlin**, **Jetpack Compose**, **MVVM**, **Hilt**, and **Material 3**.
- Implemented customizable home-screen widgets, dynamic theming, and application state management using modern Android architecture patterns.
- Continuously maintained and improved the application using user feedback, analytics, and production usage data.
- Reached **10,000+ downloads**, **3,000+ monthly active users**, and a **4.4+ Play Store rating**.

EDUCATION

Haldia Institute of Technology

B.Tech in Information Technology

Oct. 2021 – June 2025

Haldia, West Bengal

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, Kotlin

Backend: Django, Django REST Framework, Node.js, Express.js

Frontend: React, Next.js, Vite, TanStack Query, Tailwind CSS

Mobile: Flutter, Kotlin, Jetpack Compose, Android SDK

Databases: PostgreSQL, MongoDB

Cloud & DevOps: Docker, Linux, Nginx, GitHub Actions, Jenkins, AWS (EC2, S3), Dokploy

Infrastructure & Tools: RabbitMQ, Firebase, Git, GitHub

Concepts: REST APIs, Authentication, OAuth, RBAC, MFA, CI/CD, Database Design