

KAWSAR AHMED

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Summary

Flutter & Android Developer with **3+ years** building production apps across healthcare, ed-tech, ride-hailing, and e-commerce. Shipped **10+ apps** from architecture to deployment — specializing in real-time systems, payment integrations, modular architecture, and cross-platform development with measurable business impact.

Experience

Flutter Developer

April 2025 – Present

RS Top Coder

Delhi, India

- Architected a **multi-module super app** (doctor booking, pharmacy, cab, ambulance) serving **10K+ users** on Android & iOS using modular GetX architecture for independent feature scaling.
- Reduced appointment scheduling time by **25%** via optimized UX flows; boosted pharmacy order success rate by **30%** with dynamic inventory sync and Dio-powered retry mechanisms.
- Designed offline-resilient Firebase integration with real-time stock sync, enabling zero-downtime updates across all service modules under varying network conditions.

Software Engineer (Android)

Sep 2023 – Dec 2024

AppOpen Technologies Pvt. Ltd.

Guwahati, India

- Built and scaled an e-commerce Android app serving **15K+ SMEs**, increasing feature delivery velocity by **40%** through modular MVVM architecture and automated GitHub Actions CI/CD pipeline.
- Cut app crash rate by **30%** by implementing lifecycle-aware data handling with RoomDB, Kotlin Coroutines, and structured error boundaries across critical user flows.
- Led Jetpack Compose adoption across **8+ core screens**, eliminating legacy XML debt and reducing UI development time per feature by an estimated 35%.

Projects

PrepNote AI (Founder & Solo Developer) | Flutter, Node.js, MongoDB, OpenAI API, Razorpay

Jun 2025 – Present

- Founded and shipped a full-stack AI-powered ed-tech platform (web + mobile) with personalized Q&A, curated question banks, and voice input for classes 6–12; reached **10K+ registered users** within months of launch.
- Architected Node.js/MongoDB backend + Flutter frontend with OpenAI-powered real-time chat, voice input, and offline exam paper downloads — optimized for low-connectivity regions.
- Launched Razorpay subscription flow driving a **45% uplift in premium conversions** via encrypted payment handling and role-based access (students, guests, premium).

ZeboRide (Client) | Flutter, Firebase Firestore & RTDB, Google Maps SDK, GetX

2024

- Built production ride-hailing apps (user + driver) with real-time location tracking, route drawing, ETA calculation, and proximity alerts using Google Maps SDK + Firebase Realtime Database.
- Engineered sub-second driver-user location sync via Firestore; implemented in-app chat, push notifications (FCM), and complete ride lifecycle management across multiple cities.

MOVG — Manipur Organic Vegetables & Gardening (Govt. Project) | Flutter, Firebase, WebRTC, GetX

2023

- Built a government-commissioned agri-tech platform for land leasing, worker hiring, and produce trading; integrated **live CCTV monitoring via WebRTC** streaming for real-time garden visibility.
- Designed multi-role system (landowners, buyers, renters, workers) with location-aware listings, smart matching algorithms, and offline-first Firebase sync for remote rural users.

KwikDial (Client) | Flutter, Firebase, GetX, Razorpay

2023

- Engineered a full **ERP + CRM system** in the vendor app: quotations, invoices, purchase orders, and lead pipeline with real-time tracking and filtering across **10K+ records**.
- Built dual-app architecture (customer + vendor) with Razorpay subscription billing, automated invoice generation, and role-based dashboards for a multi-service B2B platform.

Technical Skills

Languages: Kotlin, Dart, Java, JavaScript (Node.js), PHP

Mobile: Flutter (Android & iOS), Jetpack Compose, MVVM, GetX, Provider, Dagger, Hilt

Backend & Data: Node.js, MongoDB, Firebase (Firestore, RTDB, Auth, FCM, Storage), REST APIs, RoomDB

Integrations: Razorpay, Paytm, OpenAI API, Google Maps SDK, WebRTC **Tools:** Git, GitHub Actions, CI/CD, Dio, Retrofit

Education

Bachelor of Computer Application (BCA)

Apr 2020 – Sep 2023

Assam University

Silchar, Assam