

Husnain Sajjad

Senior Flutter Developer | Full-Stack (Node.js / NestJS)

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PROFESSIONAL SUMMARY

Senior Flutter engineer with 6 years of experience shipping production mobile apps, plus hands-on backend work in Node.js/NestJS. Reduced production crash rates by 95% and cut app startup time by 70% on a live EV charging platform. Built backends with MongoDB/Mongoose and MySQL/Prisma, including an end-to-end location-based rewards app, from schema and API to the Flutter client.

TECHNICAL SKILLS

Mobile Development: Flutter (Android, iOS, Web, Windows), Dart, Bloc, Provider, GetX, Clean Architecture & MVC, Custom Animations, Responsive UI

Backend Development: Node.js, NestJS, RESTful API design, Authentication & Authorization

Databases & Data: MongoDB (Mongoose), MySQL (Prisma), Firebase / Firestore

Cloud & Deployment: AWS-hosted infrastructure (backend services), Vercel, Heroku, Render

Integrations: Stripe / Stripe Connect, Google Maps SDK, Socket.IO, FCM, OneSignal, RevenueCat, AdMob, deep linking

Quality & Delivery: Unit & Widget Testing, App Store & Play Store Deployment, Git, CI/CD, Agile / Jira

AI-Augmented Development: Claude Code, Codex, OpenCode, Cursor. Agentic workflows with MCP integrations and custom skills for code generation, debugging, and refactoring

WORK EXPERIENCE

Senior Flutter Developer — Mayfair Technology Partners

Feb 2026 – Present

- Led stabilization and modernization of a legacy Flutter codebase for a production EV charging platform (Android & iOS), covering architecture cleanup, production debugging, and release readiness.
- Reduced crash rate by 95% (10% to 0.5%) through systematic debugging and null-safety enhancements.
- Accelerated app startup time by 70% (10s to 3s) via architecture improvements, API optimization, and codebase refactoring.
- Built and extended backend services (NestJS, MySQL, Prisma ORM) running on AWS, modifying existing endpoints and creating new ones from scratch, powering both the EV charging platform and an internal admin tool.

Senior Mobile App Developer — Distributed Systems

Jan 2023 – Jan 2026

- Sole Flutter developer for a location-based rewards platform; independently designed, built, and deployed its Node.js/MongoDB backend, owning the product end-to-end from schema design through the Flutter UI.
- Implemented Authentication & Authorization, geo-tagged reward logic, geofencing, real-time Socket.IO updates, and push notifications to trigger task availability based on user proximity.
- Developed Flutter mobile and Windows desktop applications for a food-ordering client, including display apps running on TV/LED screens, and contributed to Node.js backend services powering real-time order tracking and dashboard functionality.
- Mentored 2 junior developers through code reviews and pairing, enforcing Git workflows and engineering standards across multiple applications.

Software Engineer — Palmgrid

May 2021 – Dec 2022

- Built and maintained 5 production Flutter apps for Android and iOS, working across Provider, GetX, and Bloc codebases.
- Integrated a broad suite of Firebase services: Authentication, Firestore, Cloud Functions, Crashlytics, and Analytics.
- Worked within cross-functional Agile teams (design, QA, product) and managed sprint tasks in Jira to meet tight release windows.

Associate Software Engineer — DevnTech

Sep 2020 – May 2021

- Developed Flutter applications for Android and iOS, implementing responsive UIs and integrating RESTful APIs.
- Managed application state using Provider and coordinated with backend teams for seamless feature integration.
- Maintained code quality through Git version control, participated in release cycles, and resolved production bugs.

EDUCATION

Bachelor of Science – Information Technology | 2016 – 2020

Punjab University College of Information Technology (PUCIT), Lahore