

# Ikram Ullah

Senior Full-Stack Engineer · Mobile (Flutter) + Backend + Web

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## PROFESSIONAL SUMMARY

Results-driven Senior Full-Stack Engineer with 4+ years shipping production-grade cross-platform mobile apps (Flutter/Dart) and backend services consumed by 10,000+ users. Adept at owning the full delivery lifecycle — from API design and cloud infrastructure to pixel-perfect UI and App Store release. Experienced leading engineering teams, integrating AI/ML features, real-time pipelines, BLE/IoT devices, and payment gateways across healthcare, HR, ride-sharing, and communication platforms. Now expanding backend and web depth to complement a strong mobile foundation.

## TECHNICAL SKILLS

|               |                                                                                              |
|---------------|----------------------------------------------------------------------------------------------|
| Mobile        | Flutter · Dart · Android (Kotlin) · iOS (Swift) · Responsive/Adaptive UI · Platform Channels |
| Backend       | Node.js · REST API Design · GraphQL · WebSockets · Firebase Functions · AWS Lambda           |
| Web Frontend  | React · HTML5 · CSS3 · Tailwind CSS · TypeScript (learning)                                  |
| Cloud & Infra | Firebase · AWS Amplify · AWS Cognito · AWS DynamoDB · Supabase · Docker (basics)             |
| Databases     | PostgreSQL · MongoDB · Cloud Firestore · SQLite · Offline Sync                               |
| AI / LLM      | OpenAI API integration · AI-powered feature development · Prompt engineering                 |
| Payments      | Stripe · Apple Pay · Google Pay · Easypaisa · JazzCash · Webhook handling                    |
| Architecture  | Clean Architecture · MVVM · MVC · Repository Pattern · SOLID · Modular Design                |
| State Mgmt    | Bloc · Riverpod · Provider · GetX · StateNotifier                                            |
| IoT / BLE     | Bluetooth Low Energy · Wearable device integration · Real-time health dashboards             |
| DevOps        | Git · GitHub Actions · CI/CD · TestFlight · Google Play Console · App Store Connect          |

## PROFESSIONAL EXPERIENCE

### Senior Flutter Engineer · IconicTek

Aug 2024 – Present Remote

- ▶ Architected and maintained Flutter applications serving 10,000+ active users with zero critical production outages.
- ▶ Built 20+ reusable widget library components, cutting feature development time by ~30%.
- ▶ Integrated REST APIs, GraphQL subscriptions, and WebSocket real-time services, reducing UI latency by 35%.
- ▶ Introduced AI-powered in-app features (OpenAI API) for smart recommendations and automated content workflows.
- ▶ Partnered with backend engineers on API contracts, improving end-to-end delivery velocity.

### Flutter Team Lead · Veevo Tech

Jan 2024 – Jul 2024 On-site

- ▶ Led a 4-person Flutter team to ship 3 production mobile apps on time and within scope.
- ▶ Defined Clean Architecture standards and onboarding playbooks adopted across the engineering org.
- ▶ Mentored junior developers through weekly code reviews; increased feature delivery speed by 56%.
- ▶ Designed reusable component and theme systems that reduced UI duplication across projects.

### Flutter Developer · MachaDev Engineering

Feb 2023 – Dec 2023 On-site

- ▶ Engineered Flutter UIs for 2 commercial applications, integrating Firebase real-time data sync.

- ▶ Diagnosed and resolved performance bottlenecks, reducing crash rates by 90% and improving app store ratings.
- ▶ Collaborated with backend team on REST API design and contract testing.

### Flutter Developer · AntonX Pvt Ltd

Sep 2022 – Jan 2023 On-site

- ▶ Delivered Flutter features across 99+ screens for internal enterprise apps using Provider state management.
- ▶ Resolved 75+ UI/functionality bugs, stabilising the app ahead of a key client demo.

## KEY PROJECTS

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### AI Resume Screener — Full-Stack SaaS Web App — React · Node.js · Express · OpenAI API · PostgreSQL · Supabase · Docker

- ▶ Built a full-stack web application that uses GPT-4o to parse, score, and rank candidate resumes against job descriptions automatically.
- ▶ Designed a RESTful Node.js/Express backend with JWT authentication, role-based access control, and a PostgreSQL database hosted on Supabase.
- ▶ Engineered an OpenAI API pipeline with structured prompt templates to extract skills, experience, and ATS match scores with 90%+ accuracy.
- ▶ Deployed via Docker on a cloud VPS with CI/CD GitHub Actions pipeline; reduced manual screening time by 70% in pilot testing.

### MediChat — AI-Powered Healthcare Chatbot Platform — React · Node.js · WebSockets · OpenAI API · MongoDB · Flutter Mobile Client

- ▶ Architected a full-stack telemedicine platform: React web dashboard for doctors, Flutter mobile app for patients, and a Node.js backend API serving both.
- ▶ Integrated OpenAI GPT-4 with Retrieval-Augmented Generation (RAG) to answer patient queries using hospital-specific medical knowledge bases.
- ▶ Built real-time chat using WebSockets supporting 500+ concurrent sessions with message history stored in MongoDB.
- ▶ Implemented end-to-end HIPAA-aligned data handling: encrypted storage, audit logs, and secure token-based auth via AWS Cognito.

### ShopSense — E-Commerce Analytics Dashboard — React · TypeScript · Node.js · PostgreSQL · OpenAI API · Recharts

- ▶ Developed a full-stack analytics web app that ingests WooCommerce/Shopify sales data and generates AI-written insights using OpenAI API.
- ▶ Built a Node.js ETL pipeline to normalise multi-store sales data into PostgreSQL with scheduled nightly sync jobs.
- ▶ Created an interactive React + TypeScript dashboard with Recharts visualisations: revenue trends, product performance, and customer cohort analysis.
- ▶ Added a natural language query feature — users ask questions in plain English and the backend translates them to SQL via GPT-4 function calling.

### Connect Care Transport — Ride-Sharing Platform — Flutter · Node.js · Google Maps API · Firebase · Stripe

- ▶ Built end-to-end from concept to production: real-time GPS tracking, dynamic pricing, and push notification workflows.
- ▶ Designed booking and payment flows (Stripe) with a seamless driver-passenger experience.

### Smart Wristband — IoT Health Monitoring App — Flutter · BLE · Firebase · Dart

- ▶ Integrated BLE communication with wearable health sensors; built real-time dashboards for vitals and activity data.
- ▶ Added social sharing and gamification hooks, increasing daily active engagement by 40%.

### Spext — Campaign Communication Platform — Flutter · GraphQL · WebSockets · Firebase

- ▶ Developed campaign creation, scheduling, and analytics dashboard supporting 100k+ message delivery workflows.
- ▶ Optimised GraphQL subscription handling for large-scale communication at scale.

### Empleado — HR & Workforce Management — Flutter · REST API · Firebase

- ▶ Built modules for employee onboarding, attendance tracking, leave management, and role-based access control.

## KEY ACHIEVEMENTS

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- ▶ Launched 20+ production mobile applications across 4 industry verticals (healthcare, HR, ride-sharing, communications).
  - ▶ Improved mobile app startup time by up to 95% through profiling and rendering optimisation.
  - ▶ Established an IoT healthcare monitoring platform integrated with Bluetooth-enabled wearables — shipped to market.
  - ▶ Engineered real-time data pipelines (GraphQL subscriptions + WebSockets) supporting 10,000+ concurrent users.
  - ▶ Helped 2 engineering teams adopt Clean Architecture, reducing onboarding time for new hires by 50%.

## EDUCATION

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**B.Sc. Computer Science** · Islamia College Peshawar

2018 - 2022

## LANGUAGES & AVAILABILITY

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English (Professional) · Urdu (Native) · Pashto (Native) | Available for Remote / Hybrid / On-site roles globally