

HIKMATULLAH

Full-Stack Software Engineer · TypeScript · NestJS · Vue 3 · Node.js

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PROFILE

Full-stack engineer with a year at a UK software house and a record of shipping production systems: a government pricing platform live on Google Play, a three-portal staffing product, and a desktop point-of-sale and ledger system a multi-branch catering business runs its daily trade on. Backend in NestJS and Node, frontend in Vue 3, and used to owning a feature from schema through to deployment.

EXPERIENCE

Software Engineer | QuickUp Software House — Remote (United Kingdom) Sep 2025 – Present

- Building QuickUp HRM, a staffing platform across three connected applications: a public quote site, a client dashboard with bookings and analytics, and an admin console. Implemented role-based access across both portals.
- Built an AI voice-call agent end to end. A rider phones in, the agent identifies them from the database, works out the problem, rings the restaurant back using a second voice, and relays the decision. Whisper and Llama 3.2 run locally, so calls cost nothing per minute.
- Wrote volume-based voice activity detection for turn-taking, and persisted riders, orders and call transcripts to MySQL.

Co-founder | Ziyaan Technologies — Quetta, Pakistan [2025] – Present

- Built the backend for Chaman Bazar, commissioned by the DC Office of Chaman. It publishes official prices for daily essentials and lets citizens report shopkeepers charging above the listed rate. Live on Google Play.
- Own the pricing data pipeline, the overcharging report workflow, and platform stability.

Software Developer (Freelance) | Private client — multi-branch catering group 2023 – Present

- Built GKB/Pakwan, a Java and JavaFX desktop system in daily production use across three sales channels of a multi-branch catering business.
- Per-person credit ledger with running balances, multi-tender payments with full history, and sales reporting.
- Ships as a single 826 KB fat JAR with no database server and no installer. Handle requirements, testing and deployment directly with the client under a signed maintenance contract.

SELECTED PROJECTS

Humkaam — marketplace for verified trade professionals (final-year thesis)

NestJS · TypeScript · TypeORM · Vue 3 · MySQL · Socket.IO · AWS S3

- Three independently deployable applications on a single API: a client and professional web app, an admin console, and the NestJS backend.
- Real-time messaging over Socket.IO with presence, unread badges and read receipts. Five-state booking lifecycle with reviews gated server-side so only a completed booking can be rated.
- Professionals stay out of search results until an admin approves their documents. JWT in HTTP-only cookies, bcrypt at cost 12, CASL authorisation.

SafeCity — AI video surveillance platform (solo build — government-tender demo for ApexTech)

YOLOv8 · EasyOCR · Flask · Python · NestJS · Vue 3 · MySQL

- Flags weapons, fights, abandoned bags, loitering and crowd density from live or recorded camera feeds in real time.
- Number plate recognition with EasyOCR against a MySQL plate registry. Three-tier architecture with MJPEG streaming and server-sent events for alerts.

TECHNICAL SKILLS

Backend NestJS, Node.js, Express, TypeORM, REST API design, Socket.IO / WebSockets, JWT and cookie auth, CASL

Frontend Vue 3 (Composition API), Vite, Pinia, Vuetify, TypeScript, JavaScript (ES6+), HTML5, CSS3

Data & AI MySQL, MongoDB, schema design, query optimisation, LLM API integration, Whisper, Llama, YOLOv8

Other Java, JavaFX, Python, Flask, Git, Linux, AWS S3, Postman, JMeter

EDUCATION

BSc Software Engineering | BUITEMS, Quetta

Aug 2022 – Aug 2026

Google Advanced Data Analytics certificate (Coursera). English (professional), Urdu, Pashto.