

Kamran Umar

Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years building production SaaS platforms using Python, Django, and React. Independently owns architecture, integrations, deployment, and AI-powered features for commercial systems serving clients across Canada and Ireland.

TECHNICAL SKILLS

Backend: Python, Django, FastAPI, DRF, Celery, Redis, Node.js, Express.js, Gunicorn

Frontend: React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, Bootstrap

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Cloud: Linux VPS, Nginx, Docker, AWS S3, Microsoft Azure, Git

Integrations: Stripe, REST APIs, HL7, Google OAuth, Gemini AI, JWT

WORK EXPERIENCE

Full Stack Developer | Xelensoft

Remote | May 2024 – Present

- Led end-to-end development of production SaaS platforms across automotive, airport parking, and compliance domains for international clients, owning architecture, backend, frontend, integrations, and deployment on every engagement, reducing page load times by 40% across all production environments.
- DQ Motors** (dqmotors.ca): End-to-end dealership platform replacing a Canadian client's manual back-office: inventory management, CRM with e-signature deal capture, in-house loan origination, per-vehicle profit analytics, automated social media publishing, and AI-assisted vehicle listings.
- Served as technical lead on **Veraha**, a multi-tenant compliance SaaS (SOC 2, ISO 27001, HIPAA, GDPR), owning architecture decisions and delivery coordination across 20+ API domains and 40+ data models, covering a controls engine, evidence lifecycle management, policy versioning with employee attestation, and a scoped read-only auditor portal.
- RS Express Parking** (rsexpressparking.com): Dual-brand airport parking platform serving two live commercial businesses from one codebase: Stripe-integrated payments, automated branded invoice generation on every booking, and a B2B supplier portal with role-based access management.

Python Developer | Jeevaysoft

Lahore, Pakistan | April 2022 – April 2024

- Integrated a LIMS with 10+ external healthcare platforms (Elation, Advanta, Experity, IMSPRO) via HL7 and JSON, automating data exchange that previously required 20+ hours of manual entry per week.
- Built a real-time Django monitoring dashboard tracking 25 system metrics on Microsoft Azure infrastructure, reducing mean incident detection time from 45 minutes to near-instant via automated alerting.
- Automated 3 core lab workflows (specimen tracking, result routing, insurance billing), reducing processing errors by 65% and improving operational throughput.

SELECTED PROJECTS

VERA: Voice-Based AI Interview Platform

FastAPI, Next.js, PostgreSQL, Whisper, LaBSE, Groq

- Engineered a 5-stage pipeline to score spoken technical answers: STT transcription, LaBSE semantic pre-filtering to eliminate off-topic LLM calls, 3-run consensus judging via Groq and Gemini, and acoustic speech analysis for delivery quality and filler-word detection.
- Built native Urdu-English code-switching support, decoupling language form from technical content so candidates are scored on what they said, not how they said it.
- Integrated Judge0 for sandboxed multi-language code execution with weighted test suites and AI code review; async FastAPI backend (SQLAlchemy 2.0, asyncpg), JWT auth with Google OAuth, and a Next.js 16 App Router frontend with Monaco editor.
- Built for auditability: variance tracking flags LLM self-disagreement across runs, making scoring reliability explicitly measurable against human graders.

EDUCATION & CERTIFICATIONS

BS Computer Science | COMSATS University Islamabad, Lahore

2022 – 2026

Certifications: Intro to DevOps, IBM via Coursera (2026) · Crash Course on Python, Google via Coursera (2021)