

MEHARBAN LIAQUAT

Senior Full-Stack & AI Engineer · Python / React · DevOps · GRC · ERP (Frappe/ERPNext & Dynamics 365)

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer (8+ years) building production Python/React systems, extending into AI-powered products, agentic workflows, and secure delivery. Currently technology partner and lead engineer on CyberVectra, an AI-powered governance-risk-compliance (GRC) platform, and senior engineer/engineering lead at Axelliant on AI-native healthcare-logistics and InsurTech platforms. Shipped a complete Frappe/ERPNext HRIS implementation and running an ongoing Frappe/ERPNext + Microsoft Dynamics 365 Business Central ERP rollout. Delivered 20+ projects for government, enterprise, and international clients — comfortable working US business-hours overlap.

TECHNICAL SKILLS

Languages / Frameworks: Python, Django, FastAPI, Flask, Django REST Framework, TypeScript, JavaScript, React

AI / ML: LLM agents, RAG, prompt engineering, LangChain / LangGraph, vector search (pgvector, Qdrant), computer vision

Cloud / DevOps: AWS (EC2, Amplify), Microsoft Azure App Service, Docker, Kubernetes, CI/CD (GitHub Actions), Nginx, Linux, Apache Airflow, Kafka

Data: PostgreSQL, MySQL, Redis, Celery, ETL pipelines

ERP / Business Systems: Frappe / ERPNext (HRIS, custom doctypes & workflows), Microsoft Dynamics 365 Business Central

Security / GRC: Application security, GRC frameworks (ISO 27001 / NIST / SOC 2-style), risk management, secure SDLC

Leadership: Team leadership, technical architecture, Agile/Scrum, code review, delivery ownership

PROFESSIONAL EXPERIENCE

Technology Partner & Lead Engineer — CyberVectra Jan 2024 – Present

Remote · cybervectra.com — AI-powered GRC SaaS

- Own end-to-end product technology: system architecture, secure platform delivery, and technical direction for an enterprise cybersecurity/GRC SaaS
- Engineer core cyber-GRC modules — risk management, compliance frameworks (ISO 27001 / NIST / PCI DSS / SOC 2-style), vulnerability management, control library & automation
- Build AI-assisted security & compliance features on pgvector: intelligent control mapping, maturity scoring, and actionable risk analytics
- Architect production full-stack AppSec-minded SaaS: Django Ninja APIs, React frontend, PostgreSQL, Redis, Dockerized services

Senior Full-Stack Engineer & Engineering Lead — Axelliant Jun 2024 – Present

Lahore, Pakistan — AI-native healthcare logistics & InsurTech platforms

- Lead full-stack / AI platform delivery (Django/FastAPI + React) for enterprise healthcare and insurance clients — ZoomLogi and RoverAI
- Engineer AI-native product backends: real-time prediction APIs (FastAPI), exception/risk signals, ops automation
- Implement and extend the internal ERP stack — Frappe/ERPNext and Microsoft Dynamics 365 Business Central — for operations, finance, and HR (ongoing)

- Own CI/CD and cloud delivery on AWS (Amplify, EC2) and Azure App Service; lead the engineering team on architecture, code review, and delivery

Senior Software Engineer · Backend Lead — Khazana Enterprise Aug 2021 – May 2024

Lahore, Pakistan — government & international client platforms

- Led backend engineering for multi-stakeholder government and enterprise platforms — architecture, API design, delivery
- Delivered a complete Frappe/ERPNext HRIS implementation — employee records, leave & attendance, org-wide HR workflows — as the organization's system of record
- Built secure, scalable Python services (Django/Flask REST APIs) on PostgreSQL for sensitive operational data
- Owned DevOps and production stability: Nginx, release strategy, Linux server operations

Senior Software Engineer — Embold Nov 2020 – Jun 2023

Remote / Lahore, Pakistan — influencer marketplace & social analytics

- Architected and optimized marketplace/analytics APIs — cut response times ~50% with a response-caching strategy
- Designed data-pipeline architecture with Apache Airflow — ~20% efficiency gain across scheduled workflows
- Owned full-stack backend architecture: Django/Flask REST services on PostgreSQL for marketplace matching and analytics

Full-Stack Engineer · Freelance — Self-employed Aug 2015 – Feb 2023

Lahore, Pakistan · remote clients

- Delivered 20+ client products: Django/Flask REST APIs, React UIs, and PostgreSQL-backed services for international clients
- Designed CI/CD with Docker and Kubernetes for fast, repeatable client deployments

EARLIER EXPERIENCE

- Software Engineer (Python) — Tower Tech · Jun 2019 – Dec 2021 — Flask/Django backend services, Linux & Raspberry Pi IoT integrations
- Software Engineer (Django) — Emblem Technologies · Jan 2018 – Dec 2019 — Django web applications and REST APIs
- Software Engineer, Python · Healthcare AI — Blusheee · Jan 2017 – Dec 2018 — Django REST APIs bridging an Android client to a CNN-based diagnosis model
- WordPress Developer & SEO Specialist — Goldfish Technologies · 2016 – 2017

EDUCATION

Bachelor of Science in Computer Science — Government College University, Lahore, Pakistan (2018)

ADDITIONAL

Languages: English (fluent, written & spoken), Urdu (native)

Availability: Open to remote full-time and freelance engagements — US business-hours overlap

Portfolio: meharbanliaquat.dev — full project case studies, architecture notes, and references on request