

OMER KAMRAN

Lahore, Pakistan

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EXPERIENCE

Software Engineer

February 2025 - May 2026

Careem

Lahore, Pakistan

- Built and maintained backend microservices in **Go**, contributing to system design, **API integrations**, and feature delivery from technical design documents to production, across multiple product verticals within an **event-driven architecture**.
- Designed and built an automated compensation system for delayed orders, integrating payment and identity services with secure, auditable transaction handling, eliminating **100%** of manual support-agent intervention.
- Re-architected cross-platform notification workflows, migrating off third-party providers to an in-house service, decoupling content from infrastructure so product teams self-serve; cut infrastructure costs **~80%** (**~\$1,600/month**).
- Planned and delivered a **subscription tier** discount integration for the courier vertical, using user segmentation and a **Kafka-based** event pipeline to surface real-time savings, improving the subscription value proposition end-to-end.
- Authored the technical design and owned end-to-end delivery of a user-preference persistence feature, aligning API contracts before implementation to reduce checkout friction; reached **~90%** adoption post-launch.
- Led the integration with updated geolocation service to resolve accurate city boundaries for the courier vertical, reducing intercity order cancellations by **3%**.
- Integrated **AI-assisted** development tooling, IDE-based LLM agents for automated context-gathering and code scaffolding, plus static-analysis security checks (Snyk, SonarQube) to shift quality and security left and accelerate debugging.
- Drove engineering excellence through **CI/CD-backed** test coverage, code reviews, observability/monitoring (Dynatrace), peer learning, and onboarding; served as **on-call engineer** ensuring rapid incident resolution during high-traffic windows.

Software Engineer

September 2024 - February 2025

Nuclieos

Lahore, Pakistan

- Developed and shipped an AI-integrated SaaS product, working across React frontends and Python backends.
- Built [luri.ai](#), a legal research platform serving **200+** UCLA law students, integrating the CourtListener API to extract and generate structured case briefs; reducing brief review time by **~70%**.

Software Engineer

June 2023 - May 2024

Educative Inc.

Lahore, Pakistan

- Containerized** and deployed interactive coding applications to virtual machine instances across multiple courses, enabling hands-on developer learning experiences on the Educative platform.

PROJECTS

Handoff Intelligence Layer | [Python](#), [FastAPI](#), [Groq](#) | [GitHub](#) |

- Built CRM-agnostic middleware that enriches chatbot-to-human escalations with LLM-generated briefs (summary, sentiment, intent, urgency) and delivers them to helpdesks via a pluggable adapter architecture.

Conversational Data Analysis & NLP Pipeline — WhatsApp EDA Project | [React](#), [Pandas](#), [Numpy](#), [BERT](#) | [GitHub](#)

- Built an end-to-end NLP pipeline on WhatsApp chat data using Python, Pandas, NumPy, and BERT to extract behavioral metrics and sentiment insights, surfacing results through a companion web application.

LUMSafar | [MongoDB](#), [Express](#), [React Native](#), [Node.js](#) | [Specifications Document](#) | [GitHub](#)

- A MERN stack mobile app for enabling event posting, RSVPs, and live location sharing via the Google Maps API.

TECHNICAL SKILLS

Languages & Frameworks: Go, Python, React, FastAPI, Nodejs, JavaScript, C++/C#

Architecture & Concepts: Microservices, Distributed Systems, RESTful APIs, Contract-First Design, CI/CD, Adapter Pattern

Tools & Frameworks: Dynatrace, AWS (EC2, S3), Apache Kafka, Docker, Kubernetes, Postman, DBeaver, Git, Snyk, SonarQube

Certifications: AWS Cloud Foundations ([Credentials](#))

EDUCATION

Lahore University of Management Sciences (LUMS)

Lahore, Pakistan

Bachelor of Science in Computer Science

Aug 2019 – May 2023

Coursework: Data Structures, Algorithms, Software Engineering, OOP, Advanced Programming, Databases, Operating Systems, Human Computer Interaction, Computer Graphics, Data Science, Data Mining, Artificial Intelligence