

OMER KAMRAN

Lahore, Pakistan

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EXPERIENCE

Software Engineer I

February 2025 - May 2026

Careem

Lahore, Pakistan

- Built and maintained backend microservices in **Go**, contributing to system design, architecture decisions, and end-to-end feature delivery across multiple product verticals within an event-driven architecture at scale.
- Architected a dynamic order appeasement system for compensating users with delayed orders, eliminating **100%** of manual care-agent intervention for delayed orders.
- Migrated cross-vertical notification workflows from Braze and AWS to Careem's in-house push notifications service across all verticals, reducing infrastructure costs by **~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.
- Owned a delivery instructions remembrance initiative, persisting user preferences against bookmarked locations to reduce checkout friction and improve order accuracy — achieving **~80%** 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%**.
- Drove engineering excellence through test coverage, tech debt remediation, peer learning sessions, and onboarding of new engineers; served as on-call engineer ensuring rapid incident resolution during high-traffic windows.

Software Engineer

September 2024 - February 2025

Nucleos

Lahore, Pakistan

- Developed and shipped full-stack web applications as part of a collaborative team, working across React frontends and Python backends to deliver AI-integrated SaaS products.
- 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%**.

Technical Content Engineer

August 2023 - June 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.
- Developed a Rust Web Development course centered around prompt engineering principles, building a ChatGPT-powered server application to demonstrate practical LLM integration for developers.

Intern Lead

June 2023 - August 2023

Educative Inc.

Lahore, Pakistan

- Led projects in AR development and Unity, collaborating cross-functionally to achieve project milestones.
- Conducted code reviews and facilitated workshops on computer vision, cloud computing, and machine learning.

PROJECTS

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.

TECHNICAL SKILLS

Languages: Go, Python, JavaScript/TypeScript, SQL, HTML, CSS, Rust

Tools & Frameworks: Dynatrace, AWS (EC2, S3), React, Nodejs, FastAPI, OpenGL, Docker, Kubernetes, Postman, DBeaver

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

Extracurricular: ESports at LUMS (Director), Volunteer at Lahore Science Mela (2022,2023)