



Muhammad Umer Afzal

DevOps & Cloud Solutions Architect · Co-Founder @ KCloudAI

Multi-Cloud Infrastructure · Agentic AI & Workflow Automation

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★ Upwork Top Rated Plus

100% Job Success

PSEB Registered · Govt. of Pakistan

CKA — Certified Kubernetes Administrator

11+ yrs experience

PROFILE

Senior DevOps & Cloud Engineer with 11+ years designing, automating, and securing resilient infrastructure across AWS, Azure, GCP, and Oracle Cloud. Co-Founder of KCloudAI, leading cloud-native and Agentic AI initiatives. I architect scalable, secure platforms — Kubernetes, Terraform, CI/CD — and increasingly build LLM-powered automation and AI products on top. Top Rated Plus on Upwork with a 100% job-success record, trusted by clients worldwide.

WHAT I DO

DevOps Engineering

CI/CD automation, IaC (Terraform, Ansible), DevSecOps, and zero-downtime release pipelines.

Infrastructure Support

24/7 reliability, Linux/Windows server hardening, observability, and network security.

Cloud DevOps — Azure / AWS / GCP / OCI

Cloud architecture, Kubernetes (AKS/EKS/GKE), networking, IAM, and cost-optimized scaling.

AI, LLMs & Automation

LLM integration & RAG, AI agents, MLOps, and event-driven workflow automation.

FEATURED PROJECTS

Multi-Cloud Kubernetes Platform

Enterprise SaaS · 8 months

Designed and operated a production-grade Kubernetes platform across Azure (AKS), AWS (EKS), and GCP (GKE) with GitOps delivery, autoscaling, and full observability.

stack > Kubernetes · Terraform · ArgoCD · Helm · Prometheus · Grafana

LLM-Powered RAG Assistant

AI Product · 4 months

Built a retrieval-augmented AI assistant grounded in private company data — vector search, the Anthropic & OpenAI APIs, and guardrails — deployed as a scalable inference service.

stack > Python · LangChain · Vector DB · FastAPI · Docker · Kubernetes

CI/CD & Automation Pipeline

Fintech · 5 months

Automated build, test, security scanning, and zero-downtime deployment across environments, plus event-driven workflow automation that cut manual ops by 70%.

stack > GitHub Actions · Jenkins · Terraform · Ansible · Bash · n8n

CLIENT TESTIMONIALS

★★★★★

"Efficient, professional and quick to respond. With great knowledge of server maintenance and support across Google, Azure and other environments, I trust him to get things done — whether large data migrations or troubleshooting. Happy to have him on my technical teams!"

Ted Williams — CEO, Practice Automations

★★★★★

"Umer spearheaded the development and upkeep of our Azure infrastructure, including VM security and project pipelines. His dedication and expertise in cloud technologies were evident throughout. A proficient cloud specialist — I highly endorse him."

Muzammal Nazir — MuleSoft & Integration Solutions | AWS

★★★★★

"Muhammad Umer Afzal was an important part of the team that created Vouch, a video endorsement app. I am grateful to have worked with him and am happy with the app his team created for us."

Jennifer Galbraith — President, Alestra Marketing · CEO, The Vouch App

CERTIFICATIONS

CKA — Certified Kubernetes Administrator

2025

IBM — Containers & Kubernetes Essentials

2025

Intel — Cloud DevOps Engineering

2025

Intel — AI for Cloud

2024

Intel — Multi-Cloud Strategies

2024

LFCS — Linux Foundation Certified Sysadmin

2023

Cisco — Network Support & Security

2023

Automox — Python

2023

■ EDUCATION

University of the Punjab

BSc, Software Engineering

2012 - 2016 • Lahore, Pakistan

■ LANGUAGES

English — Professional working

Urdu — Native / Bilingual

Let's build something reliable.

Available for DevOps, cloud architecture, and AI-automation engagements — remote & on-site.

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