

NOMAN ZULFIQAR

CLOUD DEVOPS ENGINEER

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SUMMARY

Results-driven Cloud DevOps Engineer with proven expertise in cloud infrastructure, automation, and migrations. Skilled in AWS, Terraform, Kubernetes, and CI/CD pipelines. AWS Certified Solutions Architect, with hands-on experience in deploying and migrating enterprise applications across multi-cloud environments.

EXPERIENCE

DevOps Engineer

01/2026 - Present

Zpayso

Lahore

- End-to-End Payment Gateway Platform (Zpayso): Designed and managed a full-scale payment gateway platform with sandbox & production environments, covering merchant portal, database architecture, and cloud infrastructure.
- Built enterprise-grade CI/CD pipelines enabling zero-downtime deployments, automated rollbacks, and intelligent monitoring.

Associate Cloud Engineer

04/2025 - Present

GenClouds

Lahore

- Contributed to enterprise-level cloud projects across AWS and Azure environments, supporting scalable and secure infrastructure deployments
- Worked on multiple projects using diverse DevOps tools including Terraform, implementing Infrastructure as Code and automation practices

Cloud Engineer Intern

12/2024 - 03/2025

GenClouds

Lahore

- Prepared for AWS Certified Solutions Architect – Associate while gaining hands-on experience with core DevOps tools and cloud services
- Worked with AWS services and DevOps tooling, building foundational skills in automation, CI/CD, and infrastructure management

EDUCATION

University of Management & Technology

11/2021 - 06/2025

BS in Computer Science

SKILLS & AWARDS

Technical Skills: Cloud Platforms (AWS, Azure) | Infrastructure as Code (Terraform, CloudFormation) | Containerization & Orchestration (Docker, Kubernetes, Helm) | CI/CD Pipelines (GitHub Actions, GitLab CI/CD, Jenkins) | Monitoring & Logging (CloudWatch, Prometheus, Grafana) | Configuration Management (Ansible, Chef) | Networking & Security (VPC, IAM) | Version Control & Collaboration (Git) | Scripting & Automation (Bash, Python) | DevOps Practices

Certifications: AWS Certified Solutions Architect – Associate

PROJECTS

Azure Multi-Environment Infrastructure Migration with Terraform Automation

- Designed and executed production migration to Azure hub-spoke architecture spanning 4 subscriptions and 5 environments (dev/beta/staging/prod/POC).
- Built 7 Terraform stacks managing 50+ resources including Cosmos DB (7TB), AKS clusters, Storage Accounts, Redis, Service Bus, and Azure Firewall.
- Achieved zero-downtime migration using Azure Resource Move, Private Endpoints, and Traffic Manager routing.
- Implemented automated CI/CD pipelines with validation, monitoring, and rollback procedures ensuring 100% Infrastructure-as-Code coverage.

End-to-End Payment Gateway Platform (Zpayso)

- Architected and managed a cloud-native payment gateway, covering end-to-end system design (merchant portal, backend, database, deployment pipelines)
- Built scalable AWS infrastructure with secure networking, CI/CD automation, zero-downtime deployments, monitoring, and disaster recovery

Rocket.Chat Deployment on AWS

- Deployed Rocket.Chat on Amazon ECS (Fargate) with MongoDB Atlas, using Terraform for automated infrastructure.

Communication Platform Migration

- Migrated communication channels from Skype to Discord, enhancing collaboration and reducing licensing costs.

Zero Trust Hyperledger Fabric on AWS

- Designed and implemented a secure, enterprise-grade blockchain infrastructure using Zero Trust principles.
- Built automated Infrastructure-as-Code (IaC) deployment for a multi-organization Hyperledger Fabric network with decentralized identity management on AWS.

Secure S3 Data Sharing Across AWS Accounts

- Designed a secure platform enabling scientists to seamlessly access and share large research datasets across AWS accounts with private, encrypted connectivity.

AlphaPlus - Learning Management System Infrastructure

- Built scalable AWS infrastructure for AlphaPlus LMS serving 100+ schools using Terraform IaC.
- Deployed multi-environment architecture with ECS Fargate, RDS Aurora, EFS, and load balancers, managing 109+ resources with automated CI/CD pipelines for seamless student-teacher portal operations.

ArgoCD GitOps on AWS EKS

- Deployed production-ready ArgoCD on AWS EKS with SSL/TLS termination, IAM RBAC policies, and persistent Redis storage for automated continuous deployment workflows.

Kolab Groupware on Hetzner (OKD)

- Worked on deploying Kolab Groupware using OKD (OpenShift Origin), Rook-Ceph storage, and MetalLB on Hetzner dedicated servers.

WireGuard VPN on AWS

- Deployed a WireGuard VPN server on Windows Server (EC2) with preconfigured client setup for secure connectivity.

Enterprise Identity Management Platform on AWS

- Architected and deployed a secure, cloud-native user management system on AWS using Infrastructure as Code (Terraform) and CI/CD automation.
- Built a React-based admin panel integrated with AWS Cognito for centralized user administration, featuring real-time user operations (create, disable, enable, delete) and MFA management.