

SYED ALI HUSSAIN

DevOps Engineer | Cloud and Infrastructure Engineering
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SUMMARY

DevOps Engineer running production AWS and on-premises infrastructure for a multi-tenant B2B SaaS platform. I build CI/CD pipelines on GitHub Actions, provision infrastructure with Terraform, and handle monitoring, security and incident response. Cut the monthly AWS bill by 53%, per-service deploy time from 12 to 4 minutes, and recovery time from 85 to 49 minutes. Open to remote and hybrid DevOps, Cloud and Infrastructure Engineer roles.

EXPERIENCE

DevOps Engineer, AIIT Solutions, Islamabad (Hybrid)

Jan 2026 – Present

- Run AWS infrastructure (EC2, RDS, S3, VPC, IAM, Route 53, CloudWatch, Secrets Manager) for a multi-tenant Laravel SaaS platform: 8 backend services, a Vue 3 frontend and PostgreSQL with schema-per-tenant isolation.
- Reduced the monthly AWS bill from about \$425 to \$200 (53%)**, including \$79 per month from EC2 and RDS right-sizing.
- Replaced cron-based deployments with GitHub Actions CI/CD on self-hosted runners: images are built once and promoted through UAT to production, with zero-downtime releases and a tested rollback. **Cut per-service deploy time from 12 to 4 minutes** with dependency and Docker layer caching.
- Built disaster recovery in a secondary AWS region (DR VPC, S3 cross-region replication, Secrets Manager replication, DNS failover) and **cut recovery time from 1 h 25 min to 49 min**.
- Diagnosed a silent production job-queue failure, fixed the Supervisor configuration, and built Bash and PostgreSQL monitors that alert the team channel every minute, with runbooks for first-line support.
- Contained a public-exposure security incident on an internal platform: restricted access at the edge firewall, moved credentials to AWS Secrets Manager and added Nginx rate limiting before a controlled re-exposure.
- Migrated the office network to MikroTik (firewall segmentation, OpenVPN, WireGuard, dual-WAN failover with Netwatch) and fixed all 18 findings of a security audit. Administer the Windows Server Active Directory domain.
- Work in Scrum with developers, QA and product: sprint planning, daily stand-ups, reviews and retrospectives.

DevOps Intern, Cloudlem (Pvt.) Ltd, Remote

Nov 2025 – Dec 2025

- Worked on CI/CD pipeline configuration, system monitoring and Git workflows in a team environment, improving deployment reliability.
- Fixed recurring Linux file-permission conflicts between web servers and CI runners using ownership cascades and umask settings, then scripted the fix into the deployment pipeline.

DevOps Intern, Al Nafi International College, Remote

Jul 2024 – Jul 2025

Job training programme of the RQF Level 6 Diploma

- Provisioned AWS infrastructure (EC2, RDS, VPC, S3, IAM) with Terraform, and ran containerised workloads on AWS EKS with RBAC and OPA policy enforcement.
- Built a Jenkins Docker deployment pipeline with S3 log archival and a Prometheus and Grafana monitoring stack; scored 75–90% on lab assessments.

SKILLS

Cloud: AWS (EC2, RDS, S3, VPC, IAM, Route 53, CloudWatch, Lambda, SNS, Secrets Manager, EKS), Azure (basic), Cloudflare

CI/CD: GitHub Actions (self-hosted runners, reusable workflows, composite actions), Jenkins, container registries, zero-downtime releases, rollback

IaC and containers: Terraform, Ansible, Docker, Docker Compose, Kubernetes (EKS), Helm

Monitoring: Prometheus, Grafana, Loki, Alertmanager, CloudWatch, SNS

Security: IAM, AWS Secrets Manager, TLS, Active Directory, RADIUS/NPS, network segmentation, incident response

Networking: DNS, TCP/IP, VPC design, MikroTik RouterOS, OpenVPN, WireGuard, Nginx

Systems and data: Linux (Ubuntu, RHEL family), Windows Server, Hyper-V, PostgreSQL, Redis, MySQL

Scripting and process: Bash, Python, PowerShell; Scrum, Agile, Kanban

EDUCATION

Diploma in Artificial Intelligence Operations, Al Nafi International College

Jul 2024 – Oct 2025

EduQual, UK-accredited RQF Level 6 (same level as an Honours Bachelor's degree). Distinction, 88%.

Intermediate (HSSC), Science General Group, Adamjee Government Science College, Karachi

2023 – 2025

Board of Intermediate Education Karachi. Grade A.

CERTIFICATIONS

In progress: AWS Certified Solutions Architect – Associate; Certified Kubernetes Security Specialist (CKS).