

Ahsan Nawaz

Cloud & DevOps Engineer | AWS, Azure & GCP | Kubernetes | Terraform | CI/CD

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Portfolio | ahsan2000.github.io/portfolio

PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with 4+ years of experience designing, automating, and operating production platforms across AWS, Azure, GCP, and Kubernetes. Own end-to-end infrastructure and release operations for business-critical banking and AI services, with strengths in infrastructure as code, secure CI/CD, observability, high availability, and disaster recovery.

CORE SKILLS

Cloud: AWS, Azure, GCP, EC2, ECS, RDS, Lambda, CloudFront, Route 53, IAM, Azure App Service, networking

Containers: Kubernetes, EKS, AKS, GKE, Docker, Docker Swarm, container registries, microservices

Delivery & IaC: Jenkins, Bitbucket Pipelines, Git, SonarQube, Terraform, Ansible, AWS CDK, CloudFormation

Operations & Automation: Grafana, ELK, EFK, MongoDB, Redis, Linux, Windows Server, Bash, PowerShell, Python, Go

PROFESSIONAL EXPERIENCE

DevOps Engineer

May 2025 - Present

Bank AL Habib Limited | Karachi, Pakistan

- Designed the infrastructure architecture for Bank AL Habib's Digital Banking application and own end-to-end DevOps and infrastructure operations across Kubernetes, Linux, networking, deployments, observability, and production support.
- Own Azure infrastructure operations for the Bank AL Habib DigiMate AI chatbot across AKS, App Service, virtual machines, MongoDB, Redis, container registries, logging, alerting, and networking.
- Architect and maintain primary and disaster-recovery environments and optimize Kubernetes clusters for capacity, high availability, security, scalability, and recovery readiness.
- Implement EFK and Grafana observability while coordinating releases, incident troubleshooting, and production issue resolution with application teams.

DevOps Engineer

May 2024 - Apr 2025

TekRevol | Karachi, Pakistan

- Secured and operated multiple AWS production accounts using IAM roles, least-privilege policies, and controlled access practices.
- Engineered Jenkins and Bitbucket CI/CD pipelines for Android, iOS, web, and backend workloads, automating build, quality, and deployment stages.
- Containerized staging workflows with Docker and Ansible and integrated SonarQube quality gates, improving deployment consistency and release confidence.

DevOps Engineer

Aug 2023 - May 2024

Teresol Pvt. Ltd. | Karachi, Pakistan

- Operated multiple Kubernetes clusters spanning 100+ nodes, sustaining high availability and improving resource utilization for production workloads.
- Orchestrated Docker Swarm deployments with Ansible and used ELK and Grafana for incident investigation and operational visibility.

DevOps Engineer

Mar 2023 - Jul 2023

Q-Solutions | Karachi, Pakistan

- Supported Linux and Windows servers and AWS environments with a focus on availability, access control, performance, and secure operations.
- Developed Jenkins, SonarQube, Ansible, AWS CDK, and Python workflows to standardize deployments and improve pipeline visibility.

Automation Engineer

Feb 2022 - Feb 2023

TrioTech Systems | Karachi, Pakistan

- Delivered AWS environments on EC2, ECS, RDS, CloudFront, Route 53, and Lambda for Node.js, Next.js, and .NET workloads.
- Built Jenkins, AWS CDK, and CloudFormation workflows and automated cross-platform operations with Bash, Batch, and PowerShell.

EDUCATION

MS, Data Engineering & Information Management | NED University | 2024 - 2025

BS, Software Engineering | Hamdard University | 2018 - 2023

CERTIFICATIONS

DevOps Beginners to Advanced with Projects | Udemy | 2023 **Golang** | KodeKloud | 2023

LANGUAGES

English: Fluent | Urdu: Native | Hindko: Fluent | Pashto: Fluent