

AFZAL KHAN

Cloud & DevOps Engineer

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Noida, Uttar Pradesh

PROFESSIONAL SUMMARY

Results-oriented Cloud & DevOps Engineer with 1.5+ years of experience architecting scalable infrastructure on **AWS**, **Azure** and **GCP**. Expert in automating **CI/CD pipelines**, orchestrating containerized applications via **Kubernetes**, and managing Infrastructure as Code (IaC) using **Terraform**. Proven track record in reducing cloud costs by 25% and optimizing deployment workflows. Certified AWS Solutions Architect committed to implementing DevSecOps best practices and high-availability systems.

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, ECS, EKS, S3, RDS, Lambda, IAM, CloudWatch), Azure, GCP
Infrastructure as Code: Terraform, AWS SAM, CloudFormation
Containerization & Orchestration: Docker, Docker Compose, Kubernetes (K8s), Amazon ECR, Fargate
CI/CD & DevOps Tools: Jenkins, GitLab CI, GitHub Actions, Git, Maven
Scripting & Automation: Python, Bash/Shell Scripting, n8n, Flowise
OS & Networking: Linux (RHEL/Ubuntu), Apache, Nginx, VPC, DNS, Load Balancers (ALB/ELB)

EXPERIENCE

Cloud & DevOps Engineer

Sept 2024 – Present

ATH Infosystems

Noida, India

- CI/CD Pipeline Optimization:** Engineered multi-stage CI/CD pipelines using **Jenkins** and **GitLab**, automating build, test, and deployment cycles which reduced release time by **50%** and ensured zero-downtime deployments.
- Infrastructure as Code (IaC):** Provisioned and managed scalable cloud infrastructure using **Terraform**, implementing state management and drift detection to standardize production environments across AWS and Azure.
- Kubernetes Orchestration:** Deployed microservices utilizing **Docker** and **Kubernetes**, configuring Horizontal Pod Autoscaling (HPA) and Ingress controllers to ensure high availability under heavy traffic loads.
- Cloud Cost Optimization:** Managed multi-cloud operations (AWS/GCP) with 99.9% uptime; implemented **Auto Scaling Groups** and spot instances, resulting in a **25% reduction** in monthly cloud infrastructure costs.
- Process Automation:** Developed automated workflows using **n8n** and **Python** scripts for lead data compliance and auditing, reducing manual operational overhead by **40%**.
- Marketplace Integration:** Integrated HawkSearch indexing into BigCommerce via RESTful APIs and optimized python-based backend jobs for seamless product listing across cloud marketplaces.

Cloud DevOps Intern

May 2024 – Aug 2024

ATH Infosystems

Noida, India

- Linux System Administration:** Administered Linux environments (Ubuntu/CentOS), performing user management, permission hardening, and automation of routine system tasks using **Bash scripting**.
- Web Server Configuration:** Configured and hardened **LAMP stacks**, setting up **Apache/Nginx** reverse proxies, SSL certificates, and firewall rules (UFW/Security Groups) to secure web traffic.
- Network Management:** Designed Virtual Private Cloud (VPC) architectures including public/private subnets, Route Tables, and NAT Gateways to ensure secure network isolation for cloud resources.

EDUCATION

GLA University

B.Tech in Computer Science & Engineering

Mathura, India

2020 – 2024

CERTIFICATIONS

AWS Certified Solutions Architect – Associate (2025)