

Shaik Akbar

DevOps & Cloud Engineer

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Professional Summary

DevOps & Cloud Engineer with 7.5 years of progressive IT experience including 5.2 years in DevOps practices and 2.3 years in IT infrastructure. Expertise in designing and managing CI/CD pipelines, infrastructure automation, cloud-native deployments, and container orchestration. Hands-on experience with Docker, Kubernetes, Jenkins, Ansible, Terraform, Git, and AWS. Adept at managing high-availability cloud environments, automating manual processes, improving system reliability, and reducing operational overhead. Strong knowledge of Linux administration, monitoring, cost optimization, and security best practices. Proven track record of delivering faster release cycles, reduced downtime, and improved developer productivity.

Core Competencies

- CI/CD & Automation: Jenkins, GitLab CI, AWS CodePipeline, AWS CodeBuild, Maven
- Cloud Platforms: AWS (EC2, VPC, S3, RDS, Route 53, CloudFront, IAM, SNS, CloudWatch, EKS)
- Containerization & Orchestration: Docker, Docker Swarm, Kubernetes (EKS), Helm
- Infrastructure as Code (IaC): Terraform, AWS CloudFormation
- Configuration Management: Ansible
- Monitoring & Logging: Prometheus, Grafana, ELK Stack, AWS CloudWatch, AlertManager
- Scripting & Programming: Shell, Python
- Version Control & SCM: Git, GitHub, GitLab, AWS CodeCommit
- Operating Systems: Linux (RHEL, Ubuntu), Windows

Professional Experience

Microline Information Systems Pvt. Ltd – Pune, India

DevOps Engineer | Jan 2024 – Jul 2025

- Designed, implemented, and maintained scalable CI/CD pipelines using Jenkins, Maven, Git, and AWS CodePipeline.
- Containerized applications into Docker images, configured custom Dockerfiles, optimized container networking, and deployed workloads to Amazon EKS clusters.

- Created Helm charts for Kubernetes deployments, implementing blue-green and rolling update strategies for zero-downtime releases.
- Automated infrastructure provisioning using Terraform and Ansible playbooks, reducing manual errors and provisioning time by 60%.
- Configured and managed AWS services including EC2, VPC, IAM, S3, Route 53, CloudFront, and RDS.
- Deployed monitoring and alerting solutions using Prometheus, Grafana, and AWS CloudWatch.
- Collaborated with development teams integrating SonarQube scans, security policies, and compliance checks into CI/CD pipelines.
- Developed Shell and Python scripts for automation tasks such as log rotation, backup management, and deployment workflows.

Key Project – Major European Retailer

- Spearheaded DevOps industrialization initiative, standardizing tooling and CI/CD practices across multiple teams.
- Reduced build/test effort by 30% and accelerated release cycles with automated pipelines and IaC provisioning.
- Migrated workloads to AWS ensuring cost efficiency, scalability, and compliance with GDPR security standards.
- Acted as a key DevOps consultant, coaching teams on container orchestration, IaC, and continuous delivery.

Accenture Solutions Pvt. Ltd – Hyderabad, India

DevOps Engineer | Sep 2019 – Dec 2023

Client: Blueriq (Software Platform) | Aug 2021 – Dec 2023

- Designed and deployed multi-account AWS cloud environment for microservices applications.
- Created CI/CD pipelines with Jenkins, GitHub, and AWS CodePipeline integrating automated testing and security scans.
- Automated infrastructure provisioning with Terraform modules and configuration management with Ansible.
- Optimized cloud usage and reduced costs by 25% with EC2 sizing, auto-scaling, and S3 lifecycle policies.
- Set up Prometheus, Grafana, and ELK stack for monitoring and logging, reducing MTTR by 40%.

Client: Walmart (E-Commerce Platform) | Dec 2019 – Aug 2021

- Built CI/CD pipeline for containerized applications using Jenkins, Docker, and Kubernetes on AWS EKS.
- Implemented blue-green deployments with Helm for production releases.

- Automated security/compliance checks using SonarQube, OWASP scans, and IAM policies.
- Improved release velocity by 70% with automation and Kubernetes-based deployments.
- Established observability with Prometheus/Grafana dashboards and proactive alerts.

Tech Support Associate | Mar 2018 – Aug 2019

- Provided IT infrastructure support for Linux/Windows servers including performance, patching, and troubleshooting.
- Assisted with Active Directory & user management, VPN configuration, and DevOps tool onboarding.
- Gained exposure to AWS cloud basics and automation tasks.

Education

Bachelor of Engineering (Electronics & Communication Engineering)

St. Martin's Engineering College, JNTUH | 2017

Key Achievements

- Reduced release cycle times by up to 70% through automated CI/CD pipelines.
- Improved system uptime and monitoring coverage, reducing critical incidents by 40%.
- Migrated multiple enterprise workloads to AWS Cloud, achieving cost savings and scalability.
- Mentored and trained junior engineers on DevOps tools and best practices.