Khaja Shamsuddin Ahmed

Junior Cloud & DevOps Engineer

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Portfolio: https://shamsuddin-devops.site

Professional Summary

Junior DevOps Engineer with over 11+ months of experience including hands-on course training, internship, and full-time role. Proficient in **AWS**, **Terraform**, **Jenkins, Docker**, **Kubernetes**, and **Ansible**. Skilled in setting up **cloud infrastructure**, automating **CI/CD pipelines**, and managing containerized deployments. Strong understanding of **Linux systems**, **scripting**, and monitoring. Enthusiastic to contribute to scalable DevOps projects and cloud-native solutions. Open to full-time opportunities with immediate availability

Skills

- **Cloud:** AWS (EC2, VPC, S3, IAM, RDS, ELB, Route 53, ASG)
- **DevOps Tools:** Jenkins, GitHub Actions, Ansible, Terraform, Jera
- **Containers & Orchestration:** Docker, Kubernetes
- **CI/CD & IaC**: Jenkins pipelines, Ansible automation, Terraform modules
- **Monitoring & Logging:** AWS CloudWatch, basic ELK stack
- **Version Control & Scripting:** Git, GitHub, Bash, Python (Basics)
- **Other Tools:** Apache, Nginx, Tomcat, Maven, SonarQube, Linux CLI
- **Operating System:** Linux (Ubuntu/ CentOS), Windows, Mac OS

Professional Experience

Junior DevOps Engineer
V2R Technologies Pvt Ltd, Hyderabad
January 2025 – Present

- Manage and monitor cloud infrastructure using AWS services (EC2, S3, IAM, Route 53, ELB).

- Build and maintain Jenkins CI/CD pipelines integrated with GitHub.
- Deploy Dockerized applications to EC2 and Kubernetes environments.
- Write Ansible playbooks for server setup and configuration automation.
- Collaborate with developers to streamline deployment workflows.

DevOps Intern
V2R Technologies Pvt Ltd, Hyderabad
October 2024 – January 2025

- Created and optimized CI/CD pipelines using Jenkins and GitHub.
- Automated AWS infrastructure provisioning using Terraform.
- Containerized applications using Docker for deployment on EC2.
- Configured DNS and monitoring tools like Route53 and CloudWatch.

Projects

1. AWS Infrastructure Setup for Healthcare Application
Tools & Technologies: AWS (EC2, S3, RDS, Route53, ELB), Terraform, Ansible, Docker, CloudWatch, MySQL

Overview:
Worked on setting up a production-grade, highly available, and scalable AWS infrastructure for a healthcare client requiring secure and automated cloud deployment.

Responsibilities & Achievements:

- Designed a fully automated AWS infrastructure using **Terraform**, including provisioning of **VPC, EC2, ELB, S3, RDS**, and **Route53**.
- Used **Infrastructure as Code (IaC)** principles to maintain consistency, reusability, and version control of infrastructure components.
- Developed **Ansible playbooks** for automating server setup and configuration to ensure environment consistency across development and production.
- **Containerized Java-based applications** using Docker and deployed them to EC2 instances for efficient resource management.
- Configured **Amazon CloudWatch** for proactive monitoring and alerting, and implemented automated **database backups** for disaster recovery.
- Achieved a **75% reduction in infrastructure provisioning time**, enhanced **system scalability**, and ensured **high availability** for mission-critical healthcare services.

2. Cloud Support & Tech Troubleshooting
Tools & Technologies: Jenkins, GitHub, Maven, Docker, EC2, Linux, Windows, MacOS, SSH, Log Analysis

Overview:
Built a robust and efficient CI/CD pipeline for a Java application to streamline code deployment, improve delivery speed, and reduce human errors.

Responsibilities & Achievements:

- Collaborated with the development team to understand deployment pain points and implemented a **CI/CD pipeline** using **Jenkins** for automated build and deployment.
- Integrated GitHub for **version control** and configured **Maven to handle build** and dependency management for the Java application.
- Developed Jenkins **pipeline** scripts to **automate build**, **test**, and deployment phases, with deployment to **AWS EC2 instances**.
- **Containerized** applications using **Docker** to maintain consistent runtime environments across development, test, and production.
- Provided cross-platform cloud support and **troubleshooting** on Linux, Windows, and Mac systems using **SSH** and log analysis tools.
- Successfully reduced the deployment time from **30 minutes** to **under 5 minutes**, improved release cycle reliability, and enabled safer rollbacks.

Education

- **Bachelor of Commerce (B.Com) in Computer Applications**
  Osmania University, Hyderabad   (2021 - 2024)
- **Intermediate (10+2)** *- Board of Intermediate   (2019 - 2021)*

Certifications

- **AWS Cloud & DevOps Fundamentals** - Cloud@247.ai
   (Includes hands-on with AWS, Jenkins, Ansible, Terraform, Docker)
- **AWS Cloud Quest: Cloud Practitioner**
  Creds URL:https://www.credly.com/badges/2614d014-4d10-4113-90ed-ae664fb6df87

Technical Summary

Familiar Tools & Technologies:
AWS (EC2, S3, VPC, IAM, RDS, ELB, Route53, Auto Scaling, CloudWatch) Jenkins, CI/CD(*Continuous Integration and Continuous Delivery*), GitHub Actions, Git, Maven, Nexus, SonarQube, Terraform, AWS CloudFormation, Ansible, Bash Scripting, Docker, Kubernetes (Minikube, EKS), Apache, NGINX, Tomcat, Linux (Ubuntu, CentOS, RHEL), Windows, MacOS, Python (Basics), YAML, JSON, Slack

Languages

- English, Hindi, Telugu