Khaja Shamsuddin Ahmed

Cloud & DevOps Engineer

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Portfolio: https://shamsuddin-devops.site

Professional Summary

Cloud & DevOps Engineer specialized in **AWS** and automation, with hands-on expertise in **Terraform, Kubernetes, Docker, Jenkins, and Ansible**. Proven track record in reducing deployment time by **80%** and building scalable, secure infrastructure on AWS. Passionate about enabling fast, reliable releases and cloud-native solutions. Currently based in Dubai with immediate availability and open to full-time opportunities, aiming to drive innovation through DevOps best practices.

Core Skills

- **Cloud:** AWS (EC2, VPC, S3, IAM, RDS, ELB, Route 53, ASG)
- **DevOps Tools:** Jenkins, GitHub Actions, Ansible, Terraform
- **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, Linux CLI
- **Operating System:** Linux (Ubuntu/ CentOS), Windows, Mac OS

Professional Experience

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

- Designed and automated AWS infrastructure (EC2, ELB, RDS, VPC, Route 53) using **Terraform**, improving provisioning speed by **75%**
- Built and maintained **CI/CD pipelines** using **Jenkins** and **GitHub Actions**, enabling faster, reliable deployments
- Deployed **Dockerized microservices** to **Kubernetes clusters** and EC2, enhancing application scalability and uptime
- Developed **Ansible playbooks** for consistent and repeatable server provisioning across environments
- Partnered with development teams to implement **blue-green deployments** and **zero downtime rollbacks**

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

- Deployed high-availability AWS infrastructure using Terraform
- Implemented **CI/CD pipelines** with Jenkins and GitHub
- Automated server configuration using **Ansible playbooks**

- **Containerized** apps with Docker and deployed to EC2
- Managed DNS via **Route53** and supported development team in deployment workflows

Projects

1. AWS Infrastructure Setup for Healthcare App
Tools: AWS, Terraform, Ansible, Docker, CloudWatch, Route53, MySQL

- **Situation:** The healthcare client needed scalable and secure cloud infrastructure for a production-ready environment.
- **Task:** Design and deploy an automated AWS infrastructure using Infrastructure as Code principles.
- **Action:** Provisioned VPC, EC2, ELB, S3, RDS, and Route53 using Terraform. Used Ansible to automate server configuration. Containerized Java-based applications with Docker. Set up CloudWatch monitoring and backups for databases.
- **Result:** Reduced provisioning time by **75%**, ensured **99.99% uptime**, and improved deployment consistency

2. Cloud Support & Tech Troubleshooting
Tools: Linux, Windows, MacOS, SSH, Log Analysis

- **Situation:** Development team needed faster and automated code deployment.
- **Task:** Build and configure a CI/CD pipeline for a Java application.
- **Action:** Integrated Jenkins with GitHub for version control. Automated build and deployment using Maven and Docker. Configured Jenkins pipelines to deploy on EC2 instances.
- **Result:** Reduced deployment time from **30 minutes to under 5 minutes,** improved deployment consistency and rollback safety.

Education

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

Certifications

- **AWS Cloud & DevOps Fundamentals** - Cloud@247.ai
  (Includes hands-on with AWS, Jenkins, Ansible, Terraform, Docker)
- **AWS Cloud Quest: Cloud Practitioner**
  🔗 [**Credly Badge**](#)

Technical Summary

- IAM roles, Security Groups, SSH, Key Pairs, Jenkins, Ansible, Docker, Kubernetes, Git, Git hub, Linux, Terraform, CI/CD, Monitoring, Infrastructure as Code, DevOps, Python, Bash

Languages

- English, Hindi, Telugu