

Khaja Shamsuddin Ahmed

Junior Cloud & DevOps Engineer

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📄 Portfolio: <https://k-shamsuddin.github.io/portfolio/>

Professional Summary

DevOps & AWS Cloud Engineer with 6 months of hands-on internship experience in automating **cloud infrastructure**, **CI/CD pipelines**, and **containerization**. Proficient in **AWS services** (EC2, VPC, RDS), **Terraform**, **Jenkins**, **Ansible**, **Docker**, and **Kubernetes**. Experienced in **Linux-based** systems and shell scripting. Knowledgeable in **monitoring**, **infrastructure security**, and basic **Python/Bash scripting**. Open to full-time opportunities with immediate availability.

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 Intern - V2R Technologies Pvt Ltd

Hyderabad

(Nov 2024 - Present)

- Deployed high-availability AWS infrastructure using Terraform
- Implemented CI/CD pipelines with Jenkins and GitHub
- Computerized 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%**, improved system scalability and monitoring, ensured high availability for healthcare applications.

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) - Board of Intermediate**

(2019 - 2021)

Certifications

- **AWS Cloud & DevOps Fundamentals** - Cloud@247.ai
(Includes hands-on with AWS, Jenkins, Ansible, Terraform, Docker)

Technical Summary

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

Languages

- English, Hindi, Telugu