# Khaja Shamsuddin Ahmed

**Entry-Level Cloud & DevOps Engineer**

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## 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 - May 2025)*

- 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