Khaja Shamsuddin Ahmed

Cloud & DevOps Engineer

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Portfolio: https://shamsuddin-devops.site

PROFESSIONAL SUMMARY

Cloud & DevOps Engineer with 1+ year of practical experience in designing, automating, and managing scalable cloud infrastructure. Proficient in deploying containerized applications, setting up CI/CD pipelines, and automating system configurations using modern DevOps tools and practices. Skilled in working with **AWS, Terraform, Docker, Jenkins, Kubernetes, Git**, and **Linux** environments. Demonstrated ability to streamline development workflows, ensure high availability, and enhance system performance through effective infrastructure as code (IaC) and continuous deployment strategies. Strong understanding of monitoring, logging, and incident response practices. Currently based in **Dubai**, open to **full-time opportunities** in **DevOps, Site Reliability Engineering (SRE)**, or **Cloud Engineering**, with immediate availability.

SKILLS

- **Cloud Platforms:** AWS (EC2, VPC, S3, IAM, RDS, ELB, Route 53, ASG, EKS, CloudFormation)
- **Infrastructure as Code (IaC):** Terraform, AWS CloudFormation, Ansible
- **CI/CD Pipelines:** Jenkins, GitHub Actions, GitLab CI/CD, Maven, Code Pipeline
- **Containers & Orchestration:** Docker, Kubernetes (EKS, Minikube)
- **Monitoring & Logging:** AWS CloudWatch, ELK Stack, Prometheus (Basic)
- **Scripting & Automation:** Bash, Python (Basics), Cron Jobs
- **Web & App Servers:** Apache, Nginx, Tomcat
- **Version Control & Other Tools:** Git, GitHub, VS Code, SSH, SCP, JIRA, Slack
- **Operating Systems:** Linux (Ubuntu, CentOS), Windows, macOS

PROFESSIONAL EXPERIENCE

Cloud & DevOps Engineer

V2R Technologies Pvt Ltd, Hyderabad   *[July 2024 – Present]*

- Designed and deployed AWS cloud infrastructure using Terraform for EC2, RDS, ELB, and Route 53
- Built CI/CD pipelines using Jenkins and GitHub Actions to automate testing and deployment
- Wrote Ansible playbooks for server provisioning and application configuration
- Deployed containerized apps using Docker on both EC2 and Kubernetes (EKS)
- Managed DNS and routing using AWS Route 53 and ensured high availability of services
- Reduced provisioning time by 75% and improved deployment time from 30 to under 5 minutes
- Collaborated with development teams to support agile release cycles and incident response

PROJECTS

1. Scalable AWS Infrastructure for Healthcare App

Tools: AWS, Terraform, Ansible, Docker, CloudWatch, Route 53, MySQL

- Built automated, production-ready infrastructure with VPC, EC2, RDS, S3, and ELB
- Used Docker for app containerization and Ansible for repeatable server setup
- Implemented monitoring and backup strategies using CloudWatch and AWS Backup
- Set up Route 53 for DNS-based routing across multiple availability zones
- Applied IAM roles and security groups for access control and isolation
- Result: Enhanced reliability, fault tolerance, and reduced manual setup by 75%

2. Automated CI/CD Pipeline for Java App

Tools: Jenkins, GitHub, Maven, Docker, EC2

- Integrated Jenkins with GitHub for automated builds and deployments
- Configured Maven and Docker to streamline Java application delivery to EC2
- Implemented branching strategies to enable efficient parallel development and testing
- Integrated code quality checks, automated testing, and environment-based deployment approvals
- Enhanced rollback capabilities with versioned builds and backup snapshots
- Result: Deployment time reduced to under 5 minutes, improved reliability and developer productivity

3. Technical Support for Cloud Projects

Environment: Windows, Linux, MacOS, IT Systems

- Provided first-level support for software, hardware, and cloud issues
- Resolved incidents related to operating systems and basic IT infrastructure
- Handled installation, configuration, and updates of systems and applications
- Escalated unresolved issues to higher-level support with proper documentation
- Ensured timely resolution and user satisfaction through structured support procedures

EDUCATION

Bachelor of Commerce (B. Com) in Computer Applications

Osmania University, Hyderabad   [2021 – 2024]

Intermediate (10+2)

Telangana State Board of Intermediate   [2019 – 2021]

CERTIFICATIONS

- **AWS Cloud & DevOps Fundamentals** - Cloud@247.ai *(Hands-on with AWS, Jenkins, Ansible, Terraform, Docker)*
- **AWS Cloud Quest: Cloud Practitioner** - Credly Badge

LANGUAGES

- English
- Hindi
- Telugu