

Harshal Chikhale

Cloud & DevOps Engineer

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DevOps Engineer experienced in cloud automation, CI/CD processes, and cloud infrastructure management. Adept at using **AWS, Azure, Docker, Kubernetes, Terraform, and Ansible**. Skilled in scripting with **Python** and **Bash** and proficient with **Jenkins, GitLab CI, and CircleCI** for continuous integration and delivery automation.

SKILLS

AWS

Azure

Kubernetes

Docker

Terraform

Ansible

CI/CD

Jenkins

Python

Bash / Shell

Linux

ArgoCD

GitOps

Helm

Prometheus

PROJECTS

- Doctor Application**
Book Appiontment
- **Deployed Application on AWS:** Set up AWS EKS (Kubernetes) for the Node.js application and hosted the frontend (React) on S3 with CloudFront for better performance.
 - **CI/CD Automation:** Built Jenkins pipelines to automate code build, testing, and deployment, ensuring smooth updates.
 - **Containerization:** Used Docker to package the backend application for consistent deployments across different environments.
 - **Monitoring & Logging:** Configured AWS CloudWatch for performance tracking and integrated the ELK Stack for log management.
- Spectre.ai Blockchain-Based Trading**
Investment Banking
- **Requirement Analysis:** Reviewed and understood business requirements to ensure alignment with project needs.
 - **AWS Deployment:** Deployed applications on AWS EC2 instances and managed virtual machines for daily builds.
 - **Storage Management:** Created and managed S3 buckets with basic lifecycle policies for efficient storage usage.
 - **Database Handling:** Managed AWS RDS instances, including setup and monitoring for smooth database operations.
 - **CI/CD & Automation:** Built and maintained CI/CD pipelines using Jenkins, and used Docker and Kubernetes for deployment.

PROFESSIONAL EXPERIENCE

- Associate Cloud & DevOps Engineer**
MyClan Services
- Sep 2024 – present | Pune, INDIA
- **Kubernetes Deployment:** Assisted in setting up and managing Kubernetes clusters using GitOps with Argo CD, improving deployment reliability and reducing errors.
 - **CI/CD Pipeline Management:** Contributed to designing and managing CI/CD pipelines using Jenkins, Azure DevOps, GitLab CI, and CircleCI, helping to speed up deployment times.
 - **Monitoring Setup:** Used Prometheus to collect system performance data and created basic Grafana dashboards to track CPU, memory, and container usage, helping detect issues faster.
 - **Infrastructure Automation:** Automated cloud infrastructure setup using Terraform and CloudFormation, ensuring consistent environments across staging and production.
 - **Docker & Container Management:** Helped containerize applications using Docker and managed containers with Kubernetes to improve deployment efficiency.
 - **Deployment Troubleshooting:** Identified and resolved deployment issues, ensuring smooth and timely application rollouts in staging and production.

- DevOps Traniee**
Linux World Pvt.Ltd
- Sep 2021 – Oct 2022 | Jaipur, INDIA
- Developed and optimized **CI/CD pipelines** using Jenkins and GitHub Actions to automate software deployment.
 - Managed **containerized applications** with Docker and Kubernetes, improving scalability and reliability.
 - Deployed and maintained cloud infrastructure on **AWS**, ensuring high availability and performance.
 - Automated server provisioning and configuration using **Ansible and Terraform**.
 - Monitored system performance with **Prometheus and Grafana**, reducing downtime.
 - Participated in **daily stand-ups and sprint planning** to ensure seamless communication between cross-functional teams, enhancing collaboration and productivity.
 - **Conducted troubleshooting and root cause analysis** for production issues, significantly reducing resolution time.
 - Assisted in **cloud cost optimization** through monitoring and adjusting resource utilization in AWS, leading to a 15% reduction in cloud costs.

EDUCATION

B.E in Information Technology
HVPM COET Amravati MAH
May 2021 – Jun 2024 | Amravati, Maharashtra

HSC
Shri R R Lahoti Science College Morshi
Apr 2018 – Mar 2020 | Morshi, Maharashtra

CERTIFICATES

- ARTH internship completion**
LinuxWorld Private Ltd.
- RED-HAT D0-180 AT**
Red-Hat
- Edeureka**
IIT-Bombay Cell