Harshal Chikhale

Cloud & DevOps Engineer

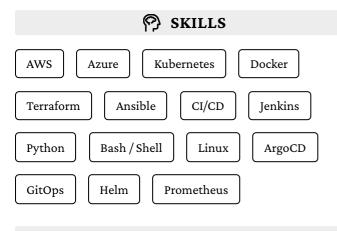
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github.com/harshalchikhale13

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.



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
- 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 ℰ

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

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

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IIT-Bombay Cell