

ABHINAV TARHEKAR

DevOps Engineer | AWS | CI/CD | Automation | Kubernetes & Terraform

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Summary

DevOps Engineer with 3 years of experience in automating CI/CD pipelines, managing cloud infrastructure, and container orchestration. Skilled in AWS, Kubernetes, Terraform, and scripting with Python and Bash. Passionate about streamlining operations, improving deployment efficiency, and maintaining high availability systems. Adept at collaborating with cross-functional teams to troubleshoot and optimize performance.

Skills

Kubernetes • Terraform • Docker • Jenkins • GitHub Actions • Git • Linux • Prometheus • NewRelic • Shell Python Scripting • SonarQube • Datadog • Dynatrace • Splunk • Rest API Gateway • S3 • Security Groups • CloudWatch • AWS Lambda • Route53 • Grafana • SaaS • Jfrog Artifactory • Helm • Jira

Experience

Capgemini

Associate Consultant B1, DevOps

03/2022 - Present

- Assisted in setting up and maintaining **CI/CD pipelines** using Jenkins and GitHub Actions to automate deployments.
- Managed **version control** and coordinated code merges across multiple teams using Git and GitHub.
- Worked on **Docker containerization** and orchestrated Kubernetes deployments, improving system uptime to **99.99%**.
- Developed **Terraform automation scripts** for provisioning AWS resources, reducing deployment time and errors.
- Monitored and reported cloud infrastructure health using **Prometheus, Grafana, and AWS CloudWatch**.
- Automated infrastructure monitoring and alerting for better incident response and faster resolution times.
- Collaborated with development teams to troubleshoot and resolve deployment issues in cloud and on-premises environments.
- Assisted in writing and maintaining **system documentation and standard operating procedures**.
- Adherence to secure coding practices to mitigate vulnerabilities, protect sensitive data, and ensure secure software solutions.
- Improved software delivery by implementing multibranch scripted pipelines and utilize Confluence for centralized release management.
- Managed AWS services including **EC2, S3, Aurora DB, VPC, Route53, LB, Lambda, CodePipeline**, along with **CodeDeploy** and **Api-Gateway**.

Projects

McDonald's Project

Pune, India

12/2022 - Present

Infrastructure Automation and Monitoring

- Designed **Prometheus-based monitoring** to track key metrics (request, error, response times).
- Successfully Automated Creation of API Gateways with Terraform for secure and efficient microservice exposure.
- Provisioned and optimized **Aurora Database Clusters** using Terraform for high availability and reliability.
- Implemented secure and efficient **API Gateways** for microservices using Terraform.

COX Account

Pune, India

05/2022 - 12/2022

Implementation of AWS-based infrastructure and CI/CD

- Developed and maintained **CI/CD pipelines** to automate software deployments across multiple environments.
- Assisted in implementing **AWS CloudFormation** to ensure consistent and scalable infrastructure.
- Integrated **EKS with AWS services** like IAM, VPC, and CloudWatch for security and monitoring.
- Proactively monitored system health, security, and performance using **Datadog and AWS CloudWatch**.

Certifications

AWS Certified Cloud Practitioner (CLF-C01)

AWS Certified Solutions Architect - Associate (SAA-C03)

Education

G.H Rasoni College of Engineering & Autonomous

Bachelor of Technology (Computer Science & Engineering)