ABHINAV TARHEKAR

DevOps Engineer | Python | GitLab CI/CD | Kubernetes | AWS | Terraform

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# Professional Summary

DevOps Engineer with 3+ years of hands-on experience in building and maintaining highly available, scalable infrastructure using AWS, Kubernetes, Docker, Terraform, and GitLab CI/CD. Proficient in Python and Bash scripting to automate cloud operations and monitoring. Proven expertise in implementing secure, efficient CI/CD pipelines, container orchestration, infrastructure-as-code, and cloud-native monitoring solutions. Adept at collaborating cross-functionally, mitigating risks, and aligning with organizational security and compliance policies.

# Core Skills

- DevOps Tools: GitLab CI/CD, Git, Jenkins, GitHub Actions, JFrog Artifactory  
- Cloud & Containerization: AWS (EC2, S3, Lambda, RDS, Route53, CloudWatch), Kubernetes, Docker  
- Infrastructure as Code: Terraform, Helm, AWS CloudFormation  
- Monitoring & Security: Prometheus, Grafana, Datadog, Dynatrace, Splunk, SonarQube, New Relic  
- Languages: Python, Bash, Java, REST APIs  
- Others: Jira, Agile, Risk Management, Secure Coding Practices, Incident Response, Confluence

# Experience

Capgemini – Associate Consultant, DevOps

Pune, India | Mar 2022 – Present

- Developed and maintained CI/CD pipelines using GitLab and GitHub Actions, enhancing release cycles and reducing manual interventions.  
- Containerized microservices using Docker and deployed to Kubernetes clusters for scalable and resilient application delivery.  
- Provisioned and managed AWS infrastructure using Terraform, automating EC2, S3, RDS, Lambda, and API Gateway setups.  
- Integrated Prometheus and Grafana for monitoring and alerting, reducing incident resolution time by 40%.  
- Implemented secure configurations and policies, ensuring compliance with internal risk frameworks.  
- Partnered with cross-functional teams to resolve high-priority incidents, ensuring 99.99% uptime for production systems.  
- Adopted Python scripting to automate operational tasks and enhance system observability.  
- Documented technical procedures and participated in risk mitigation and security audit processes.  
- Engaged in continuous learning and contributed to internal DevOps communities to share knowledge and improve practices.

# Projects

McDonald's Monitoring & Infrastructure Automation

Pune, India | Dec 2022 – Present

- Designed and deployed API Gateways with Terraform for microservice exposure.  
- Monitored error rates and response times using Prometheus/Grafana dashboards.  
- Implemented secure, scalable Aurora DB clusters with automated failover using Terraform.

COX Automotive AWS CI/CD Setup

Pune, India | May 2022 – Dec 2022

- Built end-to-end CI/CD pipelines on GitLab and AWS CodePipeline.  
- Managed EKS integrations with IAM, VPC, and CloudWatch.  
- Leveraged Datadog and AWS native tools for proactive system health monitoring.

# Education

Bachelor of Technology – Computer Science & Engineering

G.H. Raisoni College of Engineering (Autonomous)

# Certifications

- AWS Certified Solutions Architect – Associate (SAA-C03)

- AWS Certified Cloud Practitioner (CLF-C01)

# Extras

- Strong understanding of incident management, system optimization, and policy enforcement in enterprise environments  
- Contributed to team-wide adoption of secure coding practices  
- Acted as a bridge between DevOps and QA/Dev teams during sprint planning and release management