Shantanu Kokate

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Professional Summary

DevOps Engineer with 2+ years of experience delivering cloud-native solutions on AWS and GCP. Specialized in automating CI/CD pipelines, container orchestration (Kubernetes, Docker), and Infrastructure as Code (Terraform). Implemented GitOps practices (ArgoCD, Helm) and monitoring (Prometheus, Grafana) to enhance system reliability and reduce deployment time by up to 40%. Proven track record of improving release efficiency, securing pipelines, and driving cost-effective, scalable infrastructure for production environments.

Work Experience

Junior DevOps Engineer – Arika Consultancy Services   Nov 2023 – Present
- Automated CI/CD pipelines for Node.js apps using Jenkins and GitHub, reducing release effort by 40%.
- Secured builds with Trivy and OWASP Dependency-Check, minimizing vulnerabilities pre-deployment.
- Containerized applications with Docker and deployed via ArgoCD to Kubernetes clusters.
- Configured Prometheus, Grafana, and Alertmanager for monitoring and proactive issue detection.
- Documented DevOps workflows and contributed to automation initiatives improving team efficiency.

Backend Engineer Intern – Internsland Inc.   Oct 2022 – Feb 2023
- Developed RESTful APIs with authentication and validation for scalable web apps.
- Automated Jenkins pipelines, reducing manual effort by 50%

Projects

SecureStream Netflix DevSecOps Simulation (GitHub Link):
- Built a simulated OTT pipeline using Jenkins, Docker, and ArgoCD for GitOps-based deployments.
- Integrated Trivy and OWASP Dependency-Check to secure container images and dependencies.
- Outcome: Delivered a production-like DevSecOps setup with automated and secure workflows.

Azure Terraform Automation System:
- Created an automation framework to generate Terraform templates for Azure AD, VMs, Networking, and Storage.
- Enabled consistent, repeatable deployments with version control integration.
- Reduced manual provisioning effort significantly with Infrastructure as Code.

Technical Skills

Cloud Platforms: AWS, GCP (VPC, IAM, EC2, EKS/GKE, Load Balancers, Auto Scaling, Route 53)
Infrastructure as Code: Terraform, Helm, ArgoCD, HashiCorp Vault
CI/CD & Automation: Jenkins, Gitlab, GitHub Actions, Trivy, OWASP Dependency-Check
Containerization: Docker, Kubernetes, AWS ECR
Monitoring & Logging: Prometheus, Grafana, Alertmanager
Version Control: Git, GitHub, GitLab
Scripting: Bash, Python (basic)

Professional Certifications

- AWS Cloud Fundamentals – Zero One Data Lab (2023)
- Linux Administrator – Zero One Data Lab (2023)
- AWS Certified Solutions Architect – Associate (In Progress)
- Certified Kubernetes Administrator (CKA) – (In Progress)

Education

Bachelor of Technology in Computer Science, Dr. Babasaheb Ambedkar Technological University, Maharashtra
2019 – 2023