

SUMIRAN SAHU

Senior DevOps Engineer

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PROFESSIONAL SUMMARY:

I am a DevOps Engineer with 2+ years of experience in optimizing cloud infrastructure, automating CI/CD pipelines, and improving system observability and security. Proven track record of reducing AWS costs by 20%, improving deployment reliability by 40%, and scaling DevOps solutions across mobile platforms. Skilled in AWS, Kubernetes, Terraform, Jenkins, GitLab, and Ansible.

EDUCATIONAL PROFILE:

- ITER, SOA UNIVERSITY, Odisha , - B.Tech(CSE) | CGPA: 8.6 / 10.0 | MAY 2023
- E-Tech Residential Higher Secondary, Odisha - Intermediate | 74.66% | APR 2019

SKILLS :

- **Cloud Platforms:** Amazon Web Services (AWS: EC2, S3, EBS, EKS, IAM, ASG, VPC, ELB), AZURE(Basics)
- **IAC & Configuration:** Terraform, Ansible
- **CI/CD & GitOps:** Jenkins, GitLab, ArgoCD
- **Containerization & Orchestration:** Docker, Kubernetes, Helm , OpenShift
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana)
- **Artifact & Package Management:** Nexus, JFrog ,DockerHub
- **Automation & Scripting:** Bash/Shell Scripting, Cron jobs
- **Security & Code Quality:** SonarQube, Trivy, Fortify, MobSF, OWASP, IAM Policies

WORK EXPERIENCE:

1. Senior DevOps Engineer | COMVIVA | Dec 2024 - Present

- Developed automation code for building 300+ pipelines and cloud infrastructure achieving 92% efficiency and performance
- Reduced security breaches by 60% by integrating DevSecOps tools to the pipelines
- Reviewed all AWS accounts and environments to avoid additional costs decreasing 40% of quarterly bills.
- Collaborated with 5+ security teams to implement and maintain secure coding practices, vulnerability scanning and compliance standard and received 100% positive feedback

2. DevOps Engineer | COMVIVA | Dec 2023 - Dec 2024

- Implemented infrastructure as code using Terraform and Ansible, improving scalability and reducing manual configuration by 80%
- Automated CI/CD 50+ pipelines using GitLab CI/CD and Jenkins, reducing deployment time by 60%
- Deployed and maintained Grafana and Kibana dashboards, achieving 99% system uptime.
- Integrated SonarQube and Trivy into CI/CD for automated code quality and vulnerability scanning

3. Trainee Engineer | COMVIVA | Jul 2023 - Dec 2023

- Collaborated with development teams to implement continuous integration and continuous deployment (CI/CD) pipelines, resulting in faster time-to-market for new features
- Provisioned infrastructure setup on AWS for automation testing with Jenkins and Maven, eliminating 85% of manual work.
- Authored comprehensive DevOps process documentation, reducing new team member ramp-up time by 30%.

PROJECTS:

- **End-to-End 3-Tier Application Deployment:**
Technologies Used: AWS, Kubernetes, Docker,Helm, Ansible, Prometheus, Grafana, Jenkins, Git, Argocd
- **Sample Cloud-Native App:**
TechnologiesUsed: Docker, Kubernetes, Terraform, Helm, Jenkins, Ansible

Responsibilities:

- Built CI/CD pipelines with Jenkins, Ansible, and Kubernetes for efficient, scalable deployments.
- Deployed and configured Prometheus, Grafana, and ELK Stack to ensure 24/7 system visibility, proactive alerting, and centralized logging.
- Applied DevOps security best practices for secure, compliant deployments.
- Documented pipelines and optimizations for team knowledge sharing.

Responsibilities:

- Integrated SonarQube and Trivy into CI/CD for automated security and vulnerability scanning.
- Redesigned CI/CD pipelines to maximize scalability, high availability, and reduce build and deployment costs.
- Automated infrastructure with Terraform and Ansible for consistent environments.
- Containerized and deployed microservices using Docker and Kubernetes for faster, scalable delivery.

ACHIEVEMENTS:

- 5× ACE Card Award – Comviva Technologies (Excellence in DevOps)
Recognized for delivering secure, cloud-native DevOps solutions and optimizing CI/CD pipelines for high availability and cost-efficiency.