Madeep Yampalaku
DevOps Engineer

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Professional Summary

Results-driven DevOps Engineer with over 2.5 years of experience in automating deployments, managing CI/CD pipelines, and optimizing cloud infrastructure. Expertise in AWS, Kubernetes, Terraform, and monitoring solutions like Prometheus and Grafana. Passionate about improving system scalability, reliability, and security through automation and best practices.

Technical Skills

Cloud & DevOps Tools	AWS (VPC, EC2, EKS, S3, IAM, Lambda, RDS, Route53, etc), Docker, Kubernetes, Terraform
CI/CD & Version Control	Jenkins, GitHub Actions, GitLab CI/CD, AWS CodePipeline, ArgoCD
Monitoring & Logging	Prometheus, Grafana, ELK Stack, Loki, Alert Manager
Security & Compliance	Trivy, SonarQube, Nexus, AWS Security Best Practices
Databases	MySQL, Oracle, DynamoDB, Postgres
Programming & Scripting	Python, Shell Scripting
Databases	MySQL, PostgreSQL, DynamoDB, SSMS
Operating Systems	Linux, Ubuntu, Windows

Professional Experience

DevOps Engineer, Weserve Codes Pvt Ltd, Ahmadabad, India

April 2025 — Present

- Led deployment of a microservices-based application on Amazon EKS with 4 backend and 7 frontend con- tainers, including MySQL and Redis databases, orchestrated via Kubernetes.
- Configured Nginx Ingress Controller and AWS NLB for traffic routing, enabling SSL termination with AWS Certificate Manager for secure HTTPS communication.
- Automated CI/CD pipelines using Jenkins with email notifications, integrating Trivy and SonarQube for security and code quality checks.
- Implemented monitoring with Prometheus, Grafana, Loki, and Promtail, hosting workloads in a private VPC for enhanced security.

DevOps Engineer, Nepra Resource Management Pvt Ltd, Ahmadabad, India

July 2024 — March 2025

- Deployed multiple Python chatbot applications as Docker containers on AWS EC2, using Nginx as a reverse proxy for routing up to 7 client-specific instances (e.g., example.com/client1).

- Automated Android app deployment pipelines using Jenkins, integrating with Google Play Console API for seamless AAB uploads.

- Enhanced observability with Prometheus, Grafana, and centralized Nginx/application logs, securing HTTPS with Certbot (Let's Encrypt).

- Integrated Trivy for Docker vulnerability scanning and SonarQube for static code analysis, enforcing quality gates.

Associate DevOps Engineer, Auropro Soft Systems Pvt Ltd, Hyderabad, India

January 2023 – July 2024

- Provisioned scalable AWS infrastructure using Terraform, optimizing EC2 and RDS configurations for performance

Key Projects

AWS Infrastructure & CI/CD for Microservices Application
Weserve Codes Pvt Ltd   2025

- Deployed a microservices application on Amazon EKS with 3 backend, 6 frontend, 1 frontend admin, and 1 backend admin container, using Kubernetes for orchestration.

- Configured Nginx Ingress Controller and AWS NLB for routing, with SSL termination via AWS Certificate Manager.

- Automated deployments with Jenkins CI/CD pipeline, integrating Prometheus, Grafana, Loki, and Promtail for monitoring and logging in a private VPC.

Deployment & Monitoring of Python Chatbot Application
Nepra Resource Management Pvt Ltd   2024

- Deployed multiple Python chatbot applications as Docker containers on EC2, routing via Nginx reverse proxy for up to 7 client instances.

- Automated deployments with Jenkins, securing with Trivy, SonarQube, and Certbot for HTTPS communi- cation.

- Implemented monitoring with Prometheus, Grafana, and centralized logging for real-time performance track- ing.

Android App Deployment with Jenkins & CI/CD
Nepra Resource Management Pvt Ltd   2024

- Automated Android app deployment pipeline using Jenkins on EC2, integrating SVN, Gradle, and Google Play Console API for AAB uploads.

- Configured secure code signing and email notifications for build status updates, ensuring efficient and secure deployments.

Education Qualification:

B. Tech in Computer Science & Engineering Madanapalle Institute of Technology & Science (2023)

- CGPA: 8.6