

Madeep Yampalaku – DevOps Engineer

+91-9347362669 | madeep9347@gmail.com | Hyderabad | [LinkedIn](#) | [porifolio](#) | [GitHub](#)

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 container orchestration, with a focus on improving system scalability, reliability, security, and cost optimization through automation and DevSecOps practices.

TOOLS & TECHNOLOGIES

Cloud Platforms: AWS (EC2, VPC, ECS, EKS, S3, IAM, Lambda, RDS, Route53, WAF etc)
Containerization: Docker, Kubernetes,Helm
Infrastructure as Code: Terraform, CloudFormation
CI/CD Tools: Jenkins,Groovy, GitHub Actions, AWS CodePipeline, AWS CodeBuild, AWS CodeDeploy, ArgoCD
Monitoring & Logging: Prometheus, Grafana, ELK Stack, Loki, CloudWatch, CloudTrail
Security & Compliance: Trivy, SonarQube, Nexus, IAM Policies, AWS Security Best Practices
Databases: SQL,RDBMS,NoSQL, MySQL, PostgreSQL, Oracle, DynamoDB, MongoDB, MariaDB
Version Control: Git (GitHub, GitLab), SVN
Scripting & Programming: Python, Bash, Shell Scripting
Operating Systems: Linux (Ubuntu, CentOS), Windows

PROFESSIONAL EXPERIENCE

Devops Engineer Level 2 | Weserve Codes Private Limited Ahmedabad,India| April 2025 – Present

- Deployed a microservices application on Amazon EKS, managing 4 backend, 7 frontend containers, and 2 databases (MySQL and Redis) using Kubernetes, achieving 99.9% uptime.
- Configured Nginx Ingress Controller and AWS NLB with SSL termination via AWS Certificate Manager, reducing latency by 20%.
- Automated CI/CD pipelines using Jenkins with email notifications, integrating Trivy and SonarQube, decreasing deployment time by 30%.
- Implemented monitoring with Prometheus, Grafana, Loki, and Promtail in a private VPC, enhancing security and observability.
- Upgraded AWS EKS cluster and node groups from version 1.23 to 1.32, resolving version compatibility issues to ensure seamless upgrades
- Optimized control plane costs, reducing expenses by 600% through configuration improvements and exiting extended support.

Software Engineer (DevOps) | Nepra Resource Management Private Limited Ahmedabad, India| July 2024 – March 2025

- Deployed multiple Python chatbot applications as Docker containers on AWS EC2, routing up to 7 client-specific instances via Nginx reverse proxy, achieving 100% client onboarding success.
- Automated Android app deployment pipelines using Jenkins, integrating with Google Play Console API for seamless AAB uploads, reducing deployment time by 35%.
- Enhanced observability with Prometheus, Grafana, and centralized logging, securing HTTPS with Certbot, improving response time tracking by 25%.
- Integrated Trivy for Docker vulnerability scanning and SonarQube for code quality, reducing security vulnerabilities by 40%.

Associate DevOps Engineer | Auropro Soft systems Private Limited Hyderabad, India| January 2023 – July 2024

- Provisioned scalable AWS infrastructure using Terraform, optimizing EC2 and RDS configurations, improving performance by 15%.

- Configured AWS CodePipeline, CodeBuild, and CodeDeploy to automate microservices deployment, reducing deployment time by 40%.

KEY PROJECTS EXECUTED

1. **Project:** AWS Infrastructure & CI/CD for Microservices Application | **Duration:** April 2025 – Present

Weserve Codes Pvt Ltd

Key Achievement:

- Deployed a microservices application on Amazon EKS with 4 backend, 7 frontend containers, and 2 databases (MySQL and Redis) using Kubernetes, achieving 99.9% uptime.
- Configured Nginx Ingress Controller and AWS NLB with SSL termination via AWS Certificate Manager, reducing latency by 20%.
- Automated CI/CD pipelines with Jenkins, integrating Prometheus, Grafana, Loki, and Promtail in a private VPC, decreasing deployment time by 30%.
- Upgraded EKS cluster and node groups from v1.23 to v1.32, resolving version skew issues that blocked upgrades, and reduced control plane billing by over 6 times by exiting extended support.

2. **Project:** Deployment & Monitoring of Python Chatbot Application | **Duration:** July 2024– March 2025

Nepura Resource Management Pvt Ltd

Key Achievement:

- Deployed Python chatbot applications as Docker containers on AWS EC2, routing 7 client-specific instances via Nginx, achieving 100% client onboarding success.
- Automated deployments with Jenkins, using Trivy, SonarQube, and Certbot for HTTPS, reducing security vulnerabilities by 40%.
- Implemented Prometheus, Grafana, and centralized logging, improving response time tracking by 25%.

3. **Project:** Android App Deployment with Jenkins & CI/CD | **Duration:** July 2024– March 2025

Nepura Resource Management Pvt Ltd

Key Achievement:

- Automated Android app deployment pipeline using Jenkins on EC2 with SVN, Gradle, and Google Play Console API, reducing deployment time by 35%.
- Configured secure code signing and email notifications, ensuring 100% successful and secure app releases to Google Play Store.

EDUCATION

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering** | Madanapalle Institute of Technology and Science
Madanapalle, India | 2023 | CGPA: 8.6/10