

Sairam Edam

DevOps / SRE Engineer

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PROFESSIONAL SUMMARY

DevOps / SRE Engineer with 4+ years of experience operating production-grade, cloud-native systems on AWS and Azure. Strong expertise in Kubernetes, CI/CD automation, Infrastructure as Code (Terraform, Ansible), and observability. Proven experience in incident response, root cause analysis (RCA), and reliability improvement for 24x7 systems. Adept at improving deployment velocity, reducing MTTR, and scaling infrastructure through automation.

CORE SKILLS

Cloud & Infrastructure: AWS (EC2, VPC, IAM, ALB), Azure, Terraform, Ansible

Containers & Orchestration: Kubernetes, Docker

CI/CD & Automation: Jenkins, GitHub Actions, Azure DevOps

Observability & Reliability: Prometheus, Grafana, AWS CloudWatch, Splunk

SRE Practices: SLIs/SLOs, Incident SRE Management, RCA

Scripting & OS: Shell, Python, Linux, Windows

Version Control: Git, GitHub, Azure Repos

PROFESSIONAL EXPERIENCE

LТИMINDTREE – Senior Consultant

Hyderabad, India | Jun 2023 – Present

- Owned and standardized CI/CD pipelines using Jenkins and GitHub Actions for 10+ microservices, improving deployment frequency and release efficiency by 30%.
- Designed reusable Terraform modules and managed configuration with Ansible for AWS infrastructure (EC2, VPC, IAM, ALB), reducing provisioning time by 40% and eliminating configuration drift.
- Deployed and operated Kubernetes clusters hosting business-critical production workloads, managing rollouts, rollbacks, auto-scaling, and multi-environment consistency (dev, QA, prod).
- Implemented end-to-end observability using Prometheus, Grafana, and CloudWatch, defining dashboards for availability, latency, and error rates (SLIs).
- Improved incident detection and MTTR by enhancing alert quality, runbooks, and automation; actively participated in on-call rotations and performed root cause analysis (RCA).

- Collaborated with application, QA, and security teams to stabilize release pipelines and ensure high availability and reliability of critical services.

L&T Infotech – Consultant

Hyderabad, India | Feb 2022 – Jun 2023

- Developed and maintained CI/CD pipelines using Jenkins and GitHub Actions, automating build, test, and deployment workflows and reducing manual deployment errors.
- Implemented Infrastructure as Code using Terraform and configuration management with Ansible, improving environment consistency and deployment reliability across teams.
- Containerized applications with Docker and deployed workloads to Kubernetes clusters, improving scalability, resource utilization, and deployment repeatability.
- Configured monitoring and logging using Prometheus, Grafana, and AWS CloudWatch, enabling real-time visibility into application and infrastructure health.
- Partnered with development teams to troubleshoot production issues and improve system stability and release confidence.

KEY ACHIEVEMENTS

- Reduced infrastructure provisioning time by 40% through reusable Terraform modules.
- Increased deployment success rate and release speed by 30% via CI/CD automation and standardization.
- Strengthened production observability, contributing to faster incident detection and reduced downtime.

EDUCATION

Bachelor of Technology – Mechanical Engineering
Mahaveer Institute of Science and Technology, Hyderabad

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)

LANGUAGES

Telugu (Native) | English (Proficient) | Hindi (Advanced)