RATHOD SAI PRASAD

LinkedIn: linkedin.com/in/rathod-sai-prasad-919989351

DEVOPS ENGINEER

Phone: 8886341192

Email: saiprasadrathod18@gmail.com

SUMMARY

DevOps Engineer with over 5 years of experience in IT infrastructure, cloud computing, and automation, with a strong focus on AWS and DevOps methodologies. Proven track record of designing and implementing scalable, resilient, and efficient cloud environments to drive operational excellence and business agility.

Monitoring & Observability: At **Sparkviz Technologies**, designed and implemented enterprise-grade monitoring solutions using **Prometheus** and **Grafana**, enabling real-time visibility, faster issue detection, and proactive incident management. Developed Kubernetes-native monitoring systems to improve performance and uptime.

Cloud & Automation Expertise: Hands-on experience in AWS services, automation tools, and container orchestration (Docker & Kubernetes). Led the design and deployment of a scalable microservices framework on AWS, reducing deployment time by 98% and enhancing system resilience.

Infrastructure as Code (IaC): Proficient in Terraform, enabling automated, consistent, and efficient cloud infrastructure provisioning across environments.

Innovation & Efficiency: Spearheaded the development of a Cloud Automation Platform at Sparkviz, improving AWS resource management and reducing provisioning time by 30% through streamlined automation workflows.

PROFESSIONAL EXPERIENCE

Sparkviz Technologies
DevOps Engineer
Oct 2020 - Present

Project: AWS Cloud Automation Platform (May 2023 - Present)

- Architected and deployed a scalable microservices infrastructure on AWS
 EKS, improving system reliability and reducing deployment failures by 85%.
- Built automated CI/CD pipelines using **Jenkins** and **Terraform**, reducing deployment time by 70%.
- Implemented Kubernetes autoscaling and optimized resource usage, reducing AWS costs by 30%.
- Integrated Prometheus and Grafana for real-time observability and alerting, cutting downtime by 40%.
- Enforced security through proper IAM, security groups, and least-privilege policies.

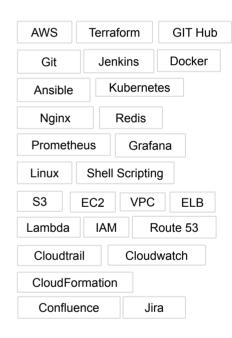
Project: CI/CD Pipeline Transformation (Oct 2020 – Apr 2023)

- Designed and managed end-to-end CI/CD pipelines using Jenkins, GitHub,
 SonarQube, and Nexus.
- Deployed containerized microservices on EKS using Docker and Helm.
- Automated infrastructure provisioning with **Terraform**, managing Jenkins agents and AWS infrastructure.
- Set up Slack alerts and integrated monitoring via Prometheus and Grafana.
- Achieved 60% faster deployments, 3x release frequency, and 40% fewer production incidents.

CloudSphere Technologies DevOps Intern Jul 2020 - Oct 2020

- Gained hands-on experience with AWS core services including EC2, S3, IAM, and basic Linux server management.
- Supported the deployment of simple infrastructure as part of real-time scenarios.

SKILLS



EDUCATION

Bachelor of Technology

Gurunanak Institutions of Technical Campus

Graduated: August 2020 Grade: 65%