

Lokesh Babu Madireddi

9705938338 | lokeshmadireddi2000@gmail.com

[Linkedin](#) | [Github](#)

PROFESSIONAL SUMMARY

Certified and performance-driven DevOps Engineer with proven expertise in designing and implementing CI/CD pipelines, automating cloud infrastructure, and managing Infrastructure as Code (IaC) using tools like Terraform and Ansible. Skilled in deploying and orchestrating containerized applications with Docker and Kubernetes in AWS and Azure environments. Experienced with Jenkins, Git, and GitOps workflows for streamlining deployments and reducing release cycles by up to 60%. Strong background in system observability using Prometheus, Grafana, and the ELK stack, ensuring proactive monitoring and real-time alerting. Adept at driving DevSecOps practices, enhancing system resilience, and supporting scalable, high-availability infrastructure in agile development teams.

SKILLS

Linux, Git, Jenkins, Ansible, Chef, Docker, AWS, Azure, Kubernetes, Terraform, GitOps, Python

EXPERIENCE

Project Engineer | Wipro, Pune
Present

May 2022 –

- Designed and implemented CI/CD pipelines using Jenkins and GitHub, reducing release cycle time by approximately 60% through automation and parallel execution.
- Automated server provisioning and configuration management using **Ansible** and **Terraform**, significantly improving system reliability and reducing manual intervention.
- Configured and managed **Kubernetes clusters** in AWS, ensuring **high availability**, **auto-scaling**, and **self-healing** of containerized applications.
- Implemented **containerized microservices** using Docker and Kubernetes, reducing infrastructure costs by **40%** and improving scalability.
- Enhanced system **monitoring and logging** with **Prometheus**, **Grafana**, and the **ELK stack**, improving system observability and incident response time.
- Integrated **security best practices** into the CI/CD pipeline, enabling **DevSecOps** practices and reducing vulnerabilities in early development stages.
- Collaborated with cross-functional teams to optimize cloud resource usage, achieving **cost savings** and improving **deployment efficiency** across multiple environments.

ADDITIONAL SKILLS

- Excellent problem-solving and analytical skills, with a proven ability to troubleshoot complex infrastructure issues under pressure.
- Strong collaborator with experience working in cross-functional agile teams, contributing to smooth development, testing, and deployment workflows.
- Committed to continuous learning and staying up to date with the latest DevOps tools, cloud technologies, and industry best practices.
- Effective communicator with the ability to translate technical requirements into actionable solutions for both technical and non-technical stakeholders.
- Quick learner with a growth mindset, consistently exploring ways to improve automation, efficiency, and system reliability.

EDUCATION

SRKR Engineering College
B. Tech in Computer Science - 80.5%

Jun 2018 - May 2022