

Gedela Vijaya Sai Lakshmi

DevOps Engineer

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DevOps Engineer with extensive experience in specializing in CI/CD pipeline development utilizing Jenkins and Azure DevOps. Proficient in container management with Docker and Kubernetes, fostering effective team collaboration. Achieved enhanced deployment efficiency through automation scripting in Python, improving system reliability and performance.

Skills

- **DevOps & Automation:** Jenkins, Ansible, Docker, Azure DevOps, Kubernetes
- **Cloud & Infrastructure:** AWS, Terraform
- **Programming & Scripting:** Python, Shell
- **Deployment & Maintenance:** Nginx, Nexus OSS
- **Collaboration & Tools:** Git, SonarQube
- **Monitoring Tools:** Prometheus & Grafana

Work Experience

Jio Platforms Limited, Bengaluru. (Jan 2024 – Present)

DevOps Engineer

- Developed and managed CI/CD pipelines in Jenkins and Azure DevOps for automated software builds, testing, and deployment.
- Troubleshoot issues in Jenkins pipelines and Kubernetes deployments to ensure seamless application releases.
- Managed source code in GitLab through commits, merges, and repository maintenance tasks.
- Wrote automation scripts using Shell and Python to minimize manual efforts and enhance deployment efficiency.
- Monitored application logs, server health (memory, CPU, and disk usage), and deployment pipelines, proactively identifying and resolving issues to maintain efficient and reliable system performance.
- Worked with the team to debug issues and resolve CI/CD pipeline errors using Jenkins, Ansible, and Docker.
- Managed server cleanups, OS upgrades, Java/ Tomcat upgrades, and vulnerability fixes to maintain system security.
- Supported overnight deployments and troubleshooting during deployments.

Personal Projects

- Developed a CI/CD pipeline that automated website deployment from GitHub to a target server using Jenkins jobs and Ansible for seamless configuration and deployment.
- Built a Docker image for a Python application, pushed it to a Docker registry, and automated the deployment using Jenkins pipelines.
- Deployed Java and Node.js applications on a Kubernetes cluster through Jenkins pipelines, leveraging Ansible for configuration management and automation.

Education

BTech - Computer Science & Engineering (2023)

- Aditya College of Engineering and Technology.

Certifications

- **AWS Cloud Practitioner Certificate**