

Sukrutha G

Devops engineer

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Passionate DevOps Engineer with strong analytical and problem-solving skills, experienced in administering servers and optimizing software release processes. Adept at collaborating with cross-functional teams to enhance performance through the efficient use of Maven and Jenkins.

PROFESSIONAL PROFILE:

- Proficient in a variety of DevOps tools, including Ansible, Jenkins, Git, Docker, and Kubernetes, with a focus on automating and streamlining development and deployment processes.
- Hands-on experience with Kubernetes deployment automation, including pod deployment, service configuration, and monitoring to maintain application health and performance.
- Experienced in branching, merging, tagging, and maintaining version control across environments using Git on Linux platforms, ensuring consistency and reliability in software delivery.
- Knowledgeable in designing and implementing Integration and Continuous Deployment (CI/CD) workflows in Jenkins, contributing to improved software delivery speed and quality through automation.
- Familiar with using Docker to manage microservices for development and testing, enabling consistent and reproducible environments that support collaboration.
- Gained experience in setting up and managing Kubernetes clusters for deploying microservice-based applications, automating deployments through Jenkins CI to ensure reliable releases.
- Developed shell scripts to automate deployments across various environments, improving operational efficiency and reducing manual intervention.
- Involved in troubleshooting build, deployment, and environment issues, ensuring swift resolution and minimal disruption to development cycles.
- Assisted API development teams in creating and optimizing Ansible Playbooks for deploying, integrating, and monitoring continuous integration environments, enhancing deployment efficiency.

SKILLS

Docker | Kubernetes | Ansible | GitHub | AWS | Git (Version Control System) | Apache Tomcat | Jenkins | ServiceNow
| BuildTools | Yaml | Linux

EMPLOYMENT HISTORY

Devops Engineer | Rrootshell Technologies Private Ltd, Client (Equinix), Hyderabad,

May 2022 - Jan 2025

Project -1 :

Role: DevOps Engineer

Responsibilities:

- Continuous Integration/Continuous Deployment (CI/CD):** Managed and deployed jobs on Jenkins, ensuring efficient software release management strategies for multiple applications.
- Containerization and Docker Management:** Developed and maintained Docker files for application containerization, enabling consistent deployment across environments.
- Kubernetes Deployment:** Deployed and managed services in Kubernetes environments, ensuring scalability and reliability of applications.
- Cluster Management with Rancher:** Utilized Rancher to manage Kubernetes clusters, simplifying the deployment and monitoring of containerized applications.
- Server Management:** Monitored server health and performance, including restarting Tomcat servers and addressing downtime issues promptly to maintain high availability.
- Resource Optimization:** Conducted regular clean-up of physical and swap memory to optimize server performance, addressing threshold exceedances proactively.
- Database Management:** Executed data fix scripts using SQL Developer, ensuring data integrity and application performance.
- Build and Deployment Administration:** Acted as an administrator for build and deployment processes, utilizing Maven for building artifacts from Java projects.
- Collaboration with Development Teams:** Worked closely with developers to and resolve common build failures, providing early warnings to enhance the development workflow.
- Production Support:** Provided 24x7 production support for various applications, ensuring minimal downtime and quick resolution of issues through log analysis and collaboration with internal teams.

- **Created with Automation and Scripting:** Implemented GitHub Actions for Docker image builds, streamlining the deployment process and enhancing automation.
- **System Maintenance:** Managed Jenkins and Rancher server operations, including starting/ stopping services during OS patching to ensure system integrity.
- **Alert Monitoring and Issue Resolution:** Conducted alert monitoring and issue debugging through log analysis, collaborating with cross-functional teams for rapid error resolution.

EDUCATION

Master of Computer Applications, | Sri Venkateswara University, Tirupathi.

TECHNICAL SKILLS

Programming Languages : Java

Database : SQL

LANGUAGES

English | Telugu | Hindi