

Priti Ranga

DEVOPS ENGINEER

Haryana IN | 7988109138 | prতিরanga9@gmail.com | www.linkedin.com/in/priti-ranga

Profile Summary

DevOps engineer with 2.5 years of experience aiming to streamline software development and deployment pipelines, manage and optimize cloud infrastructure, and enhance CI/CD and DevSecOps processes using like tools like AWS, Docker, Kubernetes, and Jenkins, ensuring efficient, reliable, and secure software delivery and system performance.

Experience

TestingXperts | DevOps Engineer (Jan 2022 – Current)

- **Developed dynamic pipeline workflows** that improved efficiency in handling new client proposals, reducing manual intervention by 40%.
- **Mastered Terraform** for streamlined infrastructure deployments, reducing setup time by 30%.
- **Leveraged advanced AWS services** to optimize cloud infrastructure, resulting in cost savings of 20%.
- **Enhanced DevSecOps pipelines**, reducing deployment time by 40% and improving security posture.
- **Implemented shell scripting techniques**, automating tasks to increase operational efficiency by 50%.
- **Developed and maintained reliable DevSecOps Jenkins pipelines** to ensure non-vulnerable deployments, achieving a 99% success rate.
- **Deployed applications using Docker and Kubernetes** for scalability and reliability, resulting in a 25% increase in uptime.
- **Integrated security tools such as SonarQube, Checkov, Trivy, Dependency Checker, and OWASP ZAP** into CI/CD pipelines, demonstrating problem-solving skills and reducing security vulnerabilities by 35%.
- **Implemented pre-production approval processes** to enhance deployment security and compliance, showcasing time management and reliability, leading to a 20% decrease in post-deployment issues.

Projects

DevSecOps

- **Created a DevSecOps Jenkins pipeline for Java-based applications**, decreasing deployment time by 40%.
- **Wrote Jenkinsfiles** to define pipeline stages and automate processes, improving efficiency by 50%.
- **Configured GitLab integration**, saving development time by 30%.
- **Implemented Kubernetes environment checks and cleanup** to ensure reliable deployments.
- **Utilized dynamic configurations in pipeline builds**, increasing flexibility and efficiency.
- **Conducted Software Composition Analysis and integrated SonarQube**, enhancing security.
- **Ran unit tests and Docker file security scans**, improving overall quality and safety.
- **Managed Docker images in Nexus repository**, reducing management time by 20%.
- **Automated the creation of staging and production environments on Kubernetes**, streamlining deployment processes.
- **Used OWASP ZAP for Static Application Security Testing (SAST)**, ensuring compliance.
- **Implemented manual deployment approvals for pre-production**, increasing control over releases.
- **Monitored Jenkins server performance and sent notifications to Microsoft Teams**, improving operational visibility and response times.

Education

Guru Jambheshwar University of Science and Technology, Hisar, HR, India

MCA | 2018 - 2021

PGDCA | 2016 - 2017

Govt. P.G. College, Jind, HR, India

B.Sc. Computer Science | 2013 - 2016

Skills

- Cloud Platforms: AWS, Azure DevOps
- Infrastructure Automation Tools: Terraform
- Configuration Management Tools: Ansible
- Continuous Integration Systems: Jenkins, GitLab CI/CD
- Containerization Technologies: Docker
- Container Orchestration and Management: Kubernetes, Helm
- Source and Version Control: Git, GitHub, GitLab
- Scripting Languages: BASH
- Monitoring and Logging: Prometheus, Grafana
- Operating Systems: Linux (Ubuntu), Windows
- Security Automation Tools: SonarQube, Trivy, Dependency Check, OWASP ZAP
- Repository Management: Nexus, JFrog Artifactory