Lakshmi Sathvika A

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PROFESSIONAL SUMMARY

Two years of experience as a DevSecOps Engineer in optimizing CI/CD pipelines and enhancing software delivery through automation. Proficient in transitioning workflows from Jenkins to GitHub Actions, creating efficient, secure, and collaborative development processes. An active learner committed to staying at the forefront of industry trends, driving continuous improvement, and achieving operational excellence.

EXPERIENCE

Software Engineer - DevSecOps - NielsenIQ   **July 2023 - Present**

- Designed and optimized CI/CD pipelines using Github actions.
- Reduced deployment times by 30% through CI/CD pipeline optimizations.
- Developed automation scripts and contributed to GitHub repositories through pull requests and code reviews.
- Improved code quality by integrating SonarQube into pipelines, decreasing code vulnerabilities by 25%.
- Implemented smart commits to connect code changes with Jira issues, automating task updates and improving project transparency.
- Familiar with container orchestration using Kubernetes and basic infrastructure automation using Terraform to support CI/CD workflows and cloud infrastructure deployment.

Software Engineer Intern - NielsenIQ   **Sep 2022 - June 2023**

- Managed deployments across 13 applications, ensuring smooth and timely releases.
- Gained hands-on experience in CI/CD pipelines, automating build and release processes.
- Collaborated with development teams to troubleshoot and resolve deployment issues.
- Learned and applied version control systems, branching strategies, and code merges.
- Enhanced communication skills by coordinating with cross-functional teams.
- Developed proficiency in scripting and automation tools to optimize release processes.
- Contributed to improving deployment documentation and best practices.

SKILLS

- DevOps Tools: GitHub Actions, Jenkins, Terraform, Docker, SonarQube
- Cloud Platforms: Azure
- Containerization & Orchestration: Docker, Kubernetes
- Programming & Scripting: Python, Bash
- Code Quality & Security: SonarQube
- Version Control: Git
- Agile Tools: Jira, Confluence, smart commits

CERTIFICATIONS

- AZ 900 - Microsoft Certified: Azure Fundamentals
- LinkedIn learning certifications on Linux/Jenkins/CICD

EDUCATION

Bachelor of Technology, **Computer Science**   **July 2019 - June 2023**
SRM University   Andhra Pradesh, India