REKHA N C

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Summary

With over 3 years of robust experience as a DevOps Engineer, I specialize in automating, managing, and releasing code across various environments like (DEV/QA/STAGE and PROD) while ensuring Continuous Integration, Continuous Delivery, and Continuous Deployment. As a seasoned DevOps Engineer, I bring expertise in **Git, Jenkins, Ansible, Docker, Kubernetes, Terraform, and Azure, PCF, Nexus** alongside adept proficiency in Apache Tomcat. My experience spans administering CI tools like Jenkins for automated pipeline builds, integrating unit tests, and implementing code quality analysis with SonarQube.

Technical Skills

Operating systems.   : Linux and Windows
Scripting Languages.   : Shell Scripting, Python
Web/ Application Server: Apache / Tomcat
SCM Tools   : GitHub,GitLab
Continuous Integration   : Jenkins
Build Tools   : Maven
Static Code Analysis Tool: Sonarqube
Cloud Environments   : Azure, AKS, Azure Key Vault,PCF
Infrastructure as Code   : Terraform
Containers   : Docker, Kubernetes, Helm Chart
Artificatory Tools   : Nexus
Monitoring Tools   : Prometheus,Grafana,Splunk

Employment History

Organisation: Wipro Limited   09/2022 -present
Project: (UBS) Union Bank Of Switzerland
Professional Experience:

- Experienced in, building and deployment of Java applications on different environments such as DEV, QA & PROD
- Implemented and maintained CI/CD pipelines using Jenkins, automating the build, test, and deployment processes achieving a **95%** automation rate, significantly reducing manual intervention and deployment errors.
- Implemented blue-green deployment strategy, resulting in a **15%** decrease in deployment failures and a 30% improvement in rollback efficiency
- **Ansible Automation**: Automated infrastructure changes using Ansible playbooks, reducing deployment errors by **80%** and increasing deployment speed by **60%**.
- Worked on an **AKS (Azure Kubernetes Service)** migration project, where we created region-specific namespaces and used YAML files to define Deployment, Service, and Virtual Services for managing pods and routing traffic
- Utilized **Helm charts** to automate and standardize the deployment process across multiple environments, ensuring consistency and easier maintenance.
- Implemented PCF for application deployment, leading to a **85%** increase in deployment frequency and scalability.

Education

Bachelor of Computer Engineering, VTU Belagavi, India   **CGPA:**8.7   Aug 2018 to Aug 2022
Awarded **GOLD MEDALIST**

CERTIFICATES

Microsoft Azure Fundamentals (AZ-900)
Microsoft Azure Administrator (AZ-104)