

RAMYA B L

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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 AWS, 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, Groovy scripting, Python
Web/ Application Server: Apache / Tomcat
SCM Tools : GitHub, GitLab
Continuous Integration : Jenkins, Tekton
Build Tools : Maven
Static Code Analysis Tool: Sonarqube
Cloud Environments : AWS, EC2, VPC, AMI, Cloud Watch, S3, Cloud Formation, PCF, GCP
Infrastructure as Code. : Terraform
Containers : Docker
Artificatory Tools : Nexus
Monitoring Tools : Prometheus, Grafana, Splunk, Dora Metrics, Fossa, 42 crunch

Employment History

Organisation: Ford Motor Company

08/2024 -present

Professional Experience:

- Handling data quality for the frontend team, managing 6 products across more than 50 repositories in DevLake.
- **Secure Temporary Access (STS):** Designed and implemented STS jobs, achieving **100% compliance** with secure access management protocols.
- **S3 Bucket Provisioning:** Provisioned and configured Amazon S3 buckets with tailored read/write access controls, improving data accessibility and security by **90%**.
- **Ansible Automation:** Automated infrastructure changes using Ansible playbooks, reducing deployment errors by **80%** and increasing deployment speed by **60%**.
- **Cloud Run Job Automation:** Automated the lifecycle management of Google Cloud Run jobs, including creation and deletion, improving operational efficiency by 50%.
- **Cron Scheduler Management:** Deployed and updated cron schedulers across QA, STAGE, and PERF environments, automating recurring tasks and reducing manual interventions by **70%**.
- **GCP Cloud Monitoring:** Configured alarms and notifications in Google Cloud Operations to monitor logs, improving incident response times by **60%**.
- **Load Balancing** setup using AWS ALB and Configured horizontal scaling (Scale in and out).
- Setup and Managing **VPC, Subnets**, make connection between different zones
- **Automated Cron Jobs:** Created automated cron jobs to perform routine tasks, reducing manual effort by **80%** and ensuring consistency in operations.

Organisation: Wipro Limited, FedEx Corporation

07/2022-08/2024

Project: Control Center

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
- Successfully executed **15+** deployments for FedEx, ensuring timely and error-free releases while adhering to strict quality and security standards
- Implemented PCF for application deployment, leading to a **85%** increase in deployment frequency and scalability.
- Implemented CloudBees from scratch and ensured smooth migration with minimal disruption for FedEx.
- Utilized Fortify and SonarQube for code analysis and vulnerability scanning, improving code quality by **25%** and enhancing application security posture.
- Maintained and administered Nexus repository for artifact storage and version control, improving build reliability and reducing deployment errors by **25%**, achieving a **98%** availability rate, ensuring reliable artifact storage and retrieval for CI/CD pipelines.

Technologies used: PCF, Jenkins, Nexus, CloudBees, Dynatrace, Groovy, SonarQube, Maven, Wiremock

Achievements

- **Bright Beginner** award in Wipro
- **Best Demo** award in Wipro.
- **Building Trust award** from manager in Wipro
- **Best Performer** award at Wipro
- First prize in Tech-Talk conducted by Siemens
- Secured Rank 7th rank in 24 Hours of Hackathon
- Second prize in the Mini Engineering Project Competition
- **Miss Regular 2022** award by Katalyst.
- **High Fliher Award** in Wipro

Professional skills

- Honesty
- Work ethics
- Consistency
- Leadership
- Public speaking
- TeamWork
- Collaboration
- Decision Making
- Flexibility

Education

Bachelor of Computer Engineering, VTU Belagavi, India

CGPA:8.65

Aug 2018 to Aug 2022

Blog Link

<https://medium.com/@ramyasagarbl012>