

THEJANA RAVINDU

DevOps Engineer

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SUMMARY

DevOps Engineer with 1 year hands-on experience in designing CI/CD pipelines, managing AWS infrastructure, and deploying containerized applications using Docker and Kubernetes. Integrated detailed transaction logging into a production system, enabling the identification and resolution of 85% of previously undetected errors during the SDLC.

EDUCATION

BSc(Hons) Computer Science - Upper Second Class Honours

2020 - 2024

Informatics Institute of Technology (IIT) - Affiliated with University of Westminster (UK)

PROFESSIONAL EXPERIENCE

FinTech DevOps Engineer (Intern), Dialog Axiata PLC

Nov 2022 – Nov 2023

- Monitored logs in production systems using AWS CloudWatch, troubleshooting issues to ensure system reliability, performance and post production support.
- Integrated detailed transaction logging into the Genie application within the SDLC, allowing for the identification and resolution of 85% of previously unknown transaction errors.
- Collaborated with senior engineers to create a Grafana dashboard, by adding new columns to the database, providing real-time insights into system metrics and performance.
- Collaborated on developing a React front end and enhancing the Spring Boot backend to enable push notifications in the Genie app, improving system performance and customer engagement.

PROJECTS

End-to-End CI/CD Pipeline for a Spring Boot Application

Implemented an automated CI/CD pipeline for a Spring Boot application, following DevOps best practices for scalable and observable deployments.

- Automated build and test stages using Jenkins and Maven.
- Integrated SonarQube for code quality and static analysis.
- Containerized the application using Docker and deployed to Kubernetes with Argo CD.
- Configured Prometheus and Grafana for real-time monitoring and observability.
- Enabled email notifications for build and deployment status updates.
- **Tech stack:** Jenkins, SonarQube, Docker, GIT, Argo CD, Kubernetes (Minikube), Prometheus, Grafana

MERN Stack Application Deployment with Kubernetes

Deployed a full-stack MERN application on a Kubernetes cluster using Minikube to simulate production grade container orchestration and service exposure workflows.

AWS Resource Manager

Implemented a Bash script for listing AWS resources across regions using AWS CLI, useful for quick audits and DevOps inventory checks.

CERTIFICATIONS

AWS Certified Cloud Practitioner (CLF-C02) – Amazon Web Services

SKILLS

DevOps Skills: CI/CD, Jenkins, Docker, Kubernetes, Argo CD, Terraform, Ansible, AWS, Prometheus, Grafana
Programming and Scripting Proficiencies: Bash, Python, Java, Springboot, Javascript