KOLLIMALA GOWRI MANOHAR

DevOps Engineer

7207378703 📞

gowrimanohar0@gmail.com ✉

linkedin.com/in/gowri-manohar-5bb804258 🔗

https://github.com/GowriManohar130 🔗

Visakhapatnam-530017 📍

PROFESSIONAL SUMMARY

Self-motivated and smart-working **DevOps Software Engineer** with expertise in **automation, cloud computing, and CI/CD pipelines**. Transitioned from a **Mechanical Engineering** background into DevOps, focusing on **containerization, infrastructure as code,** and **deployment automation**. Experienced in optimizing workflows for **efficiency and scalability**. Passionate about tackling new challenges in dynamic engineering environments.

PROFESSIONAL EXPERIENCE

DevOps Engineer

Infyshine Technologies Pvt. Ltd., Visakhapatnam

Experience: 2 Years

Project

Workshine – Microservices-Based Human Resource Management System

Tech Stack: Java Spring Boot, ReactJS, Docker, Kubernetes, Jenkins, Terraform, AWS (EC2, RDS), Prometheus, Grafana, ELK, MongoDB, MySQL

Overview:

Developed and maintained a suite of microservices for *Workshine HRMS*, a comprehensive human resource management system. Enabled high availability, scalability, and streamlined DevOps practices across all modules.

Key Microservices:

- **Expense Tracking System:** Developed employee module using ReactJS and Spring Boot with a role-based approval workflow.
- **Leave Management**, **Payroll**, **Master Data**, **Timesheet**, **Organization**, **Appraisal**, and **Attendance** Systems: Managed CI/CD, infrastructure automation, monitoring, and deployments across all modules.

Key Responsibilities:

- **Version Control:** Managed Git and Bitbucket repositories including branching, merging, and conflict resolution.
- **Build Automation:** Configured Jenkins pipelines for building, testing, and deploying Dockerized microservices to Kubernetes.
- **Kubernetes Administration:** Deployed and managed Kubernetes workloads across dev, staging, and uat environments.
- **Cluster Provisioning:** Installed and configured Kubernetes clusters on-premises and on AWS EKS for scalable, containerized deployments.
- **Containerization:** Built and maintained Docker images and managed private Docker registries.
- **Environment Management:** Designed and maintained DEV, QA, UAT, and NON-PROD environments with appropriate infrastructure isolation.
- **CI/CD Implementation:** Built and optimized CI/CD pipelines using Jenkins, Docker, Kubernetes, Git, and AWS.
- **Monitoring & Logging:** Implemented observability using Prometheus, Grafana, and ELK stack for log aggregation and real-time metrics.
- **Code Quality:** Integrated SonarQube into CI pipelines for static code analysis and code quality enforcement.
- **Infrastructure as Code:** Used Terraform to provision and update AWS infrastructure, ensuring repeatable and consistent deployments.
- **Cloud Architecture:** Designed scalable AWS architectures using EC2, Load Balancer, IAM, Auto Scaling, VPC, Route 53, and CloudFront.

TECHNICAL SKILLS

Basics: HTML, CSS, JavaScript

Frontend Frameworks: React

Backend: Java, Java Spring Boot

Message Queue: Kafka

Databases: MySQL, MongoDB

Infrastructure: AWS, NGINX, Terraform

CI/CD: Jenkins, Git/Bitbucket

Virtualization: Docker, Kubernetes

Observability: Grafana, ELK, Prometheus

Scripting: YAML, Groovy, Shell

EDUCATION

Bachelor of Technology (Mechanical Engineering)

Gayatri Vidya Parishad College for Degree and PG Courses (2016 – 2019)

Diploma in Mechanical Engineering

Sanketika Polytechnic College (2013 – 2016)

CERTIFICATIONS

- **Java Full Stack Development** – Tech Mahindra SMART Academy for Digital Technologies, Visakhapatnam

ACHIEVEMENTS

- **Project Team Lead** – Led final-year projects in both **B.Tech** and **Diploma**.
- **1st Place in Diploma Project Presentation** – Secured 1st place in Polytechnic Project Presentation for innovative engineering solutions.