

# Sharan Hiremani

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**Aspiring Cloud/DevOps Engineer** with a strong foundation in **cloud infrastructure setup, automation, and CI/CD pipelines**. Skilled in **containerization, orchestration, and infrastructure as code (IaC)**, with practical experience using **Ansible** for configuration management. Familiar with **system monitoring and performance optimization**, and eager to apply **problem-solving skills** to ensure reliable, scalable, and well-supported cloud environments.

## EDUCATION

**KLS Gogte Institute of Technology, Belagavi**

*Master of Computer Applications*

Belagavi, KA

2022 – 2024

## SKILLS

**Programming & Scripting:** Python, Go, JavaScript, SQL, Bash Scripting

**DevOps Cloud & Infrastructure:** AWS (DevOps), Terraform, Docker, Kubernetes, Helm, Ansible

**CI/CD:** Jenkins, Git, GitHub, ArgoCD, CI/CD pipelines

**Database:** MySQL, Redis, MongoDB

**Monitoring & Observability:** Prometheus, Grafana, ELK (logging)

**Operating Systems & Others:** Linux(RHEL)/Unix, Windows, Networking (CompTia N+)

## PROJECTS

**Educational Platform with Complete CI/CD Pipeline** | *React, Node.js, AWS, Terraform, Ansible, Jenkins, Docker, Kubernetes, Prometheus, Grafana*

- Architected scalable cloud infrastructure using Terraform IaC managing multiple AWS resources across 5 environments, achieving maximum uptime with automated cost optimization reducing infrastructure spend through Lambda-based auto-shutdown
- Engineered robust CI/CD pipeline with Jenkins Master/Slave architecture processing complete automated deployments, Docker multi-stage builds, and 3-tier environment promotion with manual approval gates
- Automated infrastructure provisioning using Ansible playbooks managing configuration tasks across environments, implementing zero-trust security with bastion host access, SSH key automation,
- Established enterprise monitoring and orchestration stack with Prometheus/Grafana observability cluster, Kubernetes container orchestration for horizontal auto-scaling, Docker containerization strategy supporting blue-green deployments and service mesh architecture

**End-to-End CI/CD Pipeline with Automated Kubernetes Scaling** | *GitHub, Jenkins, Docker, Kubernetes, Ngrok*

- Developed an end-to-end CI/CD pipeline automating all build, test, and deployment processes for a containerized Node.js app, streamlining releases and minimizing manual intervention.
- Configured Kubernetes deployments with YAML manifests, exposing services through NodePort and implementing auto-scaling for pods based on CPU usage to maintain performance under varying loads.
- Refined the development workflow by blending Jenkinsfile automation and npm audit security fixes, maintaining secure, vulnerability-free builds in continuous integration pipelines and supporting reliable releases.

**Microservice DevOps Project** | *Docker, Python, SQL, Redis*

- Deployed a microservices-based application with independent services communicating via APIs.
- Utilized Docker Compose for orchestration and service management.
- Implemented an SQL initialization script (init.sql) for setting up the database schema.

## EXPERIENCE

**Junior Developer - Intern**

Jan 2025 - Present

*ONIR Technologies*

*Canada (Remote)*

- Deployed containerized environments with Docker and orchestrated scalable workflows through Kubernetes, integrating network topology log files to ensure consistent builds and stable deployments for multiple project modules throughout the internship.
- Automated Infrastructure configurations with Ansible Playbooks and enhanced system observability using the TIG and ELK stacks, leveraging network logs to proactively detect bottlenecks and maintain peak performance during development sprints.
- Explored intelligent automation solutions by studying AgentiC and Cisco DCAIE frameworks, translating research insights into actionable proposals that elevated system reliability and scalability during the internship phase.

## CERTIFICATIONS

- Software Programmer - Python [*NASSCOM*]
- Go lang Certification [*KodeKloud*]
- Mastering Git & GitHub from Basic to Advanced
- AWS Cloud Practitioner [*KodeKloud*]
- Master of Network Administration [*Belagavi Institute of Technology*]
- Terraform Associate Certification [*KodeKloud*]
- Linux AI: Automate Linux Potential with Gen AI [*Linux World*]
- PromptOps : AI-Powered DevOps [*Udemy*]