

Hareharan K L

hareharankl@gmail.com | +91 7708224828

EXPERIENCE

BOSCH AUTOMOTIVE ELECTRONICS INDIA PVT. LTD.

STUDENT INTERN

July 2024 – August 2024 | Bengaluru, India

- Designed and implemented an automated email notification system in Python, reducing manual effort by 80% and improving report update efficiency by 90% within a 2-week sprint.
- Participated in software solution lifecycle from requirements analysis to deployment and engaged in real-world logistics frameworks.

CODTECH IT SOLUTIONS PVT.LTD.

DEVOPS INTERN

July 2024 – August 2024 | Remote

- Automated infrastructure provisioning using Terraform and containerized microservices with Docker, reducing deployment time by 90% and boosting team productivity by 80%.
- Delivered production-ready systems by designing scalable infrastructure aligned with client specifications, ensuring system performance and compliance.

CORIZO

CLOUD COMPUTING INTERN

May 2023 – June 2023 | Remote

- Built foundational expertise in AWS and Azure services, participating in hands-on labs and simulations for cloud-based high-availability architectures.
- Explored cloud service models and optimized system architecture for better latency and scalability.

PROJECTS

DIABETES PREDICTOR - MLOPS June 2025 [Link](#)

- Developed and deployed a machine learning model for diabetes prediction using Python and FastAPI; containerized the API with Docker for consistent deployment.
- Orchestrated deployment on Kubernetes using YAML manifests, demonstrating full MLOps workflow from model training to scalable, production-ready inference.

TIC-TAC-TOE APP - DEVSECOPS March 2025 [Link](#)

- Deployed a containerized Tic-Tac-Toe app using Docker and Kubernetes, ensuring high availability and scalability.
- Built a secure CI/CD pipeline with GitHub Actions and Trivy, boosting release efficiency by 60% and reducing deployment risks.

DEVOPSIFIED REACT-APP December 2024 [Link](#)

- Deployed a containerized React.js app on AWS EKS, improving uptime and performance by 40%.
- Automated CI/CD with ArgoCD, GitHub Actions, and Helm, reducing release cycles by 60% and ensuring low-latency production readiness.

EDUCATION

MOUNT ZION COLLEGE OF ENGINEERING AND TECHNOLOGY

B.E. IN COMPUTER SCIENCE AND ENGINEERING

November 2021 - May 2025

Pudukottai, Tamilnadu

Cum. GPA: 7.3 / 10

LINKS

Github:// [hareharankl](#)

LinkedIn:// [hareharankl](#)

Skillrack://[hareharankl](#)

(Solved 250+ Problems)

SKILLS

PROGRAMMING

Advanced:

Python | Bash | JavaScript

Intermediate:

Java | HTML & CSS | React.js | Node.js

TOOLS

Git & Github | AWS | Azure | Linux

Github Actions | Jenkins | Docker

Terraform | Kubernetes | Prometheus

ArgoCD | Grafana | MySQL | MongoDB

FRAMEWORKS

Agile | SDLC | Troubleshooting

MLOps | DevSecOps | Networking

COURSEWORK

UNDERGRADUATE

Object Oriented Programming

Operating Systems

Artificial Intelligence

Computer Networks

Database Management Systems

CERTIFICATIONS

AWS Technical Essentials - AWS

AWS APAC Solution Architect - Forage

Jenkins - KodeKloud

Kubernetes - KodeKloud

Python - Guvi

Web Development Masterclass - Udemy