# Raghavendragouda K T

# Summary

DevOps Engineer with strong Full Stack Development expertise and hands-on experience in building and deploying scalable web applications. Skilled in designing robust CI/CD pipelines, container orchestration with Docker Kubernetes, infrastructure as code using Terraform, and cloud deployments on AWS. Built real-time, role-based systems using the MERN stack, integrating secure APIs, monitoring, and automation. Passionate about improving system reliability, accelerating development cycles, and enabling seamless collaboration between development and operations teams.

#### **Technical Skills**

- Languages: Java, C, Python, JavaScript
- Frontend: React.js, , TailwindCSS, Bootstrap, ShadcnUI
- Backend: Node.js, Express.js, REST APIs, Web-Sockets, Socket.IO
- Databases: MySQL,MongoDB, PostgreSQL
- DevOps/Cloud: Docker, Kubernetes, AWS, Terraform, Jenkins, GitHub Actions, Ansible, ArgoCD
- Others: Git, Linux, Shell Scripting, CI/CD Pipelines, DockerHub

#### **Education**

#### Don Bosco Institute of Technology, Bengaluru

B.E. in Information Science and Engineering

CGPA: 8.8 / 10

Coursework: Data Structures, OS, DBMS, Networks, Software Engineering

## **Internship Experience**

#### Full Stack Developer Intern - Kidzian (LMS)

May 2025 - July 2025

Live Demo

2022 - 2026

- Developed a Role-Based Learning Management System (LMS) with dashboards for Students, Teachers, and Admins using MERN stack.
- Implemented analytics modules with performance graphs, attendance charts, and downloadable daily/monthly reports.
- Deployed email notification system using Node.js and Nodemailer, delivering real-time updates; decreased student response time to teacher feedback by 60%, allowing students to action on feedback faster.
- Built scalable backend APIs and secured routes with JWT and role-based middleware.

### **Projects**

#### **DevOps Automation for E-Commerce Microservices**

2024

- Deployed Java-based microservices using Docker and Kubernetes on AWS EKS.
- · Provisioned infrastructure using Terraform (VPC, IAM, Load Balancers).
- · Implemented GitHub Actions and ArgoCD for CI/CD workflows.

## CodeHub – Real-Time Collaborative Code Editor

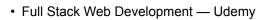
Live Demo

- Built a real-time collaborative code editor using React, Express, and Socket.IO.
- · Enabled multi-user rooms with secure WebSocket communication.
- · Integrated syntax highlighting, editor themes, and responsive design.

#### **Certifications**

· Java (Basic) — HackerRank

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