

# Raghavendragouda K T

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## Skills

- **Programming Languages:** Java,C,Python.
- **Frontend:** React.js, Next.js, TailwindCSS, ShadcnUI, Bootstrap
- **Backend:** Node.js, Express.js, REST APIs, WebSockets, Socket.IO
- **Databases:** SQL, PostgreSQL, MongoDB
- **DevOps:** Docker, Kubernetes, Terraform, Ansible, AWS, GitHub Actions, ArgoCD, CI/CD Pipelines, Shell Scripting ,Jenkins
- **Tools:** Git,Linux,Kubernetes,GitHub,DockerHub,Jenkins.

## Education

### Don Bosco Institute of Technology

2022 - 2026

B.E. in Information Science and Engineering

CGPA: 8.8/10

**Relevant Coursework:** software Engineering, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks.

## Projects

### DevOps Implementation on E-Commerce Project (2024)

- Implemented DevOps practices such as containerization, container orchestration, Infrastructure as Code (IaC), and CI/CD for a demo e-commerce project.
- Implemented DevOps practices on a multi-microservice architecture.
- Strong knowledge of Infrastructure as Code using Terraform.
- Implemented an EKS cluster creation within VPC using Terraform modules.
- Configured CI/CD for a Java-based microservice using GitHub Actions and ArgoCD, achieving single-touch end-to-end automation.
- Utilized AWS networking concepts such as VPC and Load Balancers.

### E-Learn Platform (2024)

Live Demo

A full-featured e-learning platform integrating learning management, real-time interactions, and video playback.

- Developed **React.js** frontend, **Node.js** backend, and **MongoDB** database.
- Implemented user authentication with **Nodemailer**.
- Built an admin dashboard for course and content management.

### CodeHub (2024)

Live Demo

A collaborative real-time coding platform for developer teamwork.

- Enabled real-time collaboration using **Socket.IO**.
- Developed project-based user rooms.
- Built with **React.js**, **Express.js**, and **Socket.IO**.
- Designed a responsive UI for seamless experience.

## Certifications

### Java Basics

HackerRank

Covers fundamental Java concepts, OOP principles, and problem-solving skills.

### Full Stack Web Development

Udemy

Comprehensive training in frontend and backend technologies, including React, Node.js, Express, and databases.