

# KRITHISH R

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## SUMMARY

Frontend developer with a strong DevOps mindset, specializing in clean **UI/UX**, responsive web design, and **deployment** automation. Skilled in **HTML, CSS, JavaScript, Git**, and **CI/CD pipelines**. Focused on designing user-friendly experiences while ensuring scalable and maintainable development environments.

## WORK EXPERIENCE

### *Software Intern | Zeta Coding Innovative Solutions*

Bangalore, India | Aug 2024 – Sep 2024

- Developed a **Python-based** data analysis system to process and visualize IMDB film data.
- Integrated **MySQL database** for structured data storage and optimized query performance.
- Collaborated with a 4-member developer team to design modular, reusable code for data analytics workflows.

### *Data Operations Assistant | HDFC Bank*

Bangalore, India | Jan 2025 – Jun 2025

- Automated and optimized large-scale financial data management using advanced **Excel formulas** and macros
- Enhanced **data accuracy** by implementing logical checks and workflow optimizations.
- Supported team operations by analyzing performance metrics and streamlining reporting processes.

## PROJECTS

### *Portfolio Website*

Designed and developed a fully responsive personal portfolio website using **HTML, CSS, and JavaScript**. Includes an animated typing effect, scroll-based UI reveal, and a fixed navigation system for seamless user experience. Highlights my projects, DevOps skills, and contact information in a professional format.

Technologies used: HTML, CSS, JavaScript, UI Visual Design, Netlify, Git hub

### *Automated Deployment of a Containerized Web Application*

Developed and containerized a Node.js application using **Docker** and deployed it on a **Kubernetes** cluster with Deployments, Services, and Ingress. Built an automated **CI/CD pipeline** using GitHub Actions to build and push Docker images to Docker Hub. Implemented rolling updates to Kubernetes and delivery.

Technologies used: Node.js, Docker, Kubernetes, CI/CD Pipelines, Git hub

### *Conflict Avoidance and Landslide Alert System for Vehicles in Deep Curves*

Designed an **IoT road safety system** using **sensor** modules and **microcontrollers** to detect risky road curves and send immediate alerts. Built to enhance visibility and reduce accident risk in high-slope or low-visibility areas.

Technologies used: Microcontrollers, IR Sensors, ADXL Accelerometer, Rain Sensors, Zigbee, LCD Display, Embedded C/Python.

## EDUCATION

### *Bachelor of Engineering – Computer Science & Engineering*

East West College of Engineering, Bengaluru | Jun 2020 – May 2024

CGPA: 6.7/10

## TECHNICAL SKILLS

**Programming:** Java, python, JavaScript, C

**Web Technologies:** HTML, CSS, Node.js

**Databases:** MySQL, MongoDB

**DevOps & Cloud:** Docker, Docker Hub, GitHub Actions, CI/CD, Linux, Shell Scripting, Cloud Basics (AWS/Azure)

## ACHIEVEMENTS & CERTIFICATIONS

- Full Stack Web Development (TAP Academy)
- java Programming, NodeJS, MySQL