KAVIN SANJAI S

✉ kavinsanjais1712@gmail.com 📞 6382360988 in linkedin.com/kavinsanjai

github.com/kavinsanjai leetcode.com/kavinsanjai

PROFILE

Enthusiastic Software Systems student with a passion for problem-solving , eager to apply my skills in innovative and real-world applications.

EDUCATION

M.Sc.Software Systems (Integrated),
Coimbatore Institute of Technology
2023 – Present
CGPA :9.21 [Till 4th sem]

Class 12, *Nyruthi Vidhya Bhavan*
2021 - 2023 , Tirupur
Aggregate :89%

Class 10, *Wisdom Matric.Hr.Sec School*
2021 , Tirupur

SKILLS

Programming Languages — C, C++,Python

Frontend development — HTML , CSS , JavaScript , React.js

Backend development — Node.js , Deno

Database — MySQL , Oracle , MongoDB , MSSQL

INTERESTS

- Problem-solving and competitive programming
- Full Stack development
- Automation and intelligent systems

ROLES

FOSS CLUB OF CIT, *Secretary*
03/2025 – Present
Organized technical events, workshops and community meetups to promote Free and Open Source Software among students.

LAKSHMI MACHINE WORKS, *Full Stack Developer*
11/2024 – 02/2025
Worked as a Full-stack developer intern at LMW, collaborating with the IT team to develop and deliver the project.

PROJECTS

1. ExamGuard, *Face Recognition Proctoring System*
Tech Stack : React.Js, Node.Js, MySQL, Face-API, Socket.IO
- Developed an online exam proctoring system with continuous face verification using the live feed.
- Integrated a 3-step registration process with ID card and photo upload for identity validation
- Captured screenshots and triggered malpractice alerts when participants turned away or failed face matching.

2 . LifeSaver, *Bike Accident Detector*
Tech Stack : Python (Flask, scikit-learn, NumPy, pandas), HTML, CSS, JavaScript
- Developed a real-time bike accident detection system using accelerometer, gyroscope, and speed sensor data.
- Combined physics-based rules with a Random Forest algorithm for accuracy in crash detection.
- Built a web interface to simulate sensor inputs and instantly display prediction results.

3. Defect Tracker - LMW
Tech Stack : React.Js , Node.Js , Express.Js , MongoDB
- Defect Tracker is a full-stack application for managing defects efficiently , featuring admin-controlled employee management, real-time complaint tracking with department-wise defect resolution.
- It enables users to raise complaints, which are assigned to the respective department for corrective action and status updates.

CERTIFICATES

- Problem solving in C -NPTEL
- Introduction to Python - INFOSYS

ACHIEVEMENTS

- **First Place** in Coding contest (Melinia ,CIT)
- **Third Place** in Triathlon (Axios , PSG TECH)