ANJAN T H

Dobbespete, Karnataka

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Education

Siddaganga Institute of Technology Tumakuru	**2022-Present**
Bachelor of Engineering in Computer Science and Engineering (CGPA 9.16)	*Karnataka India*
Mahesh PU College Maraluru	**2020-2022**
Science PCMB (Percentage 92.5)	*Karnataka India*
Geetha English High School Dobbespete	**2020**
10 th (Percentage 96.16)	*Karnataka India*

Skills

Programming: C++,C, Javascript, Python(Basics), SQL

Web Development : React, Node.js, Express.js, MongoDB, Next.js

Tools and Technologies: VS Code, Git , GitHub, Postman

Coursework: Data Structures, Object-Oriented Programming (OOPs), Database Management Systems (DBMS), Operating Systems (OS))

Projects

1. **EcoConnect** | *React, Nodejs,Express,MongoDb,Flask,TailwindCSS*
   - EcoConnect is a platform designed to foster collaboration for environmental sustainability.
   - It enables individuals and organizations to connect, share ideas, and take collective action for a greener future.
   - A machine learning model predicts CO2 emissions based on user inputs and provides actionable insights.
   - Users can participate in community-driven initiatives like tree planting, plastic cleanup drives, and renewable energy projects.
   - The platform features AI-powered recommendations. It includes real-time messaging and video calls to enhance communication and coordination.

2. **Supply-chain** | *Next js, TailwindCSS,MongoDb,Solidity,Typescript,Hardhat*
   - Architected and developed an end-to-end supply chain management platform using Next.js, TypeScript, JavaScript, and Hardhat.
   - Optimized workflows by designing advanced inventory tracking, order management, and supplier coordination systems, reducing process inefficiencies.
   - Integrated blockchain technology to ensure transparency, security, and traceability in supply chain transactions.

3. **Blind Navigation** | *React Native, YOLOv5, TensorFlow, TensorFlow Lite, Twilio,flask*
   - Developed an AI-powered navigation app for visually impaired individuals using React Native and YOLOv5.
   - Integrated real-time object detection with TensorFlow and TensorFlow Lite, providing audio cues for navigation and obstacle detection.
   - Implemented an SOS emergency feature where vigorous shaking of the device triggers an automatic call and SMS with live location to relatives and nearby authorities via Twilio.

Achievements

- Regularly solve coding problems on LeetCode (300+ problems solved), CodeChef, and Codeforces to enhance problem-solving skills.
- Top 10 finalist in the CODERED Hackathon (BMSIT), showcasing development expertise in a competitive environment.

- Ranked 6919 out of 23,000 participants in LeetCode, demonstrating competitive programming skills and speed in solving algorithmic challenges under time constraints.
- Participated in 4+ hackathons, including SIH 2024, developing innovative solutions for real-world challenges.

Extracurricular Activities

- Member of NSS (National Service Scheme), contributing to multiple community service initiatives and social events.
- Skilled in volleyball and cricket, actively participating in tournaments and team events.