Name : Pradeesh S Mail : Pradeesh.s2022ai-d@sece.ac.in

EDUCATION

Sri Eshwar College of Engineering   Coimbatore, Tamilnadu
Bachelor of Technology in Artificial Intelligence and Data Science — Current CGP: **7.67**

PROJECTS

EDITH | *Python, OpenCV, MySQL* (Advanced Traffic control system)   Jan. 2023 – Feb. 2023
Designed and developed an advanced traffic control system with YOLO algorithms, guaranteeing swift and precise vehicle detection. Engineered specialized functionalities to facilitate priority access for emergency vehicles, notably ambulances, enhancing response times in critical scenarios (BIT Hackathon).

Quick Serve | *Java, PHP, MySQL*   Apr. 2023 – Jun. 2023
Designed and built an intuitive college amenity app that redefined food ordering for fellow students. Created a user-friendly, efficient platform, simplifying on-campus dining experiences.

SKILLS

Languages: C/C++, Java, Python, JavaScript, dart
Frameworks: Flutter
Tools: Git, Figma, VS Code
Libraries: ReactJS, NumPy, matplotlib, OpenCV
Others: Machine Learning, DSA

RESEARCH WORK

Ensuring Universal Access to Quality Education   Jan. 2023 – Present
Dedicated to our mission of ensuring global access to high-quality education, overcoming hindrances such as restricted internet access and remote rural locations. Actively spearheading the deployment of state-of-the-art C3 Micro Cloud technology, aimed at mitigating existing challenges.

Enhancing Student Safety: A Comprehensive Campus Security Initiative   Oct. 2023 – Present
Currently developing a dedicated college app, with a special focus on enhancing the safety of female students, both on and off-campus. This project is designed to address a range of environmental safety concerns for women attending the college. Notably, it incorporates features such as anonymous information sharing to ensure and respect users' privacy.

Real Time Vehicle Tracking

This system utilizes GPS (Global Positioning System) installed in vehicles to continuously track their precise locations. Through a dedicated mobile application, users can effortlessly access real-time data, enabling them to estimate the approximate time required to reach a particular destination. Additionally, the application provides timely map updates, ensuring accurate and reliable navigation for the users. This integrated technology not only enhances the efficiency of fleet management but also significantly improves the overall user experience by providing seamless and reliable navigation services.

INTERESTS & COURSES

Technical Interests: Software Engineering, Machine Learning, Artificial Intelligence

Other Interests: Volleyball, Chess, Mental Arithmetic, Problem Solving
Extra Courses (Certifications): Mastering Data Structures and Algorithms using C and C++ (by Udemy), Diploma in Computer Application (by Inet), The Complete web development Bootcamp 2023 (by Udemy), Node.js (by Udemy)

TECHNICAL ACHIEVEMENTS

· **Ranked 6th out of 13 teams** in **BIT Hackathon 2023 (Team Name: Code Crusaders)**

· **Global Rank** in 196905 **Leetcode Weekly Contest**