# Tushar Panjeta

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Skills

- C++ | C | Python | HTML | CSS | ROS | Flask | MYSQL | Open-CV | Git | Github | Figma | Canva | UI/UX | Problem Solving

Experience

Software Team Member   **Mars Research Station(MaRS)**   **06/2022 - 12/2022**

- I led a project utilizing a Raspberry Pi to incorporate an IMU sensor into a robot's navigation system
- Worked on documentation for European Rover Challenge(ERC-2022)
- Testing of Rover's arm for autonomous manipulation

Education

Bachelor of Technology   **Indian Institute of Information Technology, Kancheepuram**   **2020-2024**

- Major in Computer Science and Engineering | CGPA 8.8

XII(CBSE)   **National Public School**   **2020**

- PCM | 94%

Projects

- **Ankur:** Developed a product that enables accurate and precise measurement of targeted water parameters. This cutting-edge technology is designed to provide users with real-time data on critical water quality metrics, allowing for informed decision-making and optimized water management practices. https://ankur.onrender.com

- **Traffic sign Recognition:** Built a CNN Convolutional Neural Network Model on GTSRB and achieved 94.4% accuracy also created our own dataset and did face recognition using PCA. https://github.com/tushar7770/Recognition.git

- **Attendance Tracking:** Automated Students attendance taking process using FaceRecognition and Open-CV. https://github.com/tushar7770/Students-Attendance.git

- **Portfolio Website:** Built portfolio website as part of DBMS course using HTML and CSS .https://dbms-project-phase-1.vercel.app

- **Home Automation Network :** An Academic computer network built with Cisco Packet Tracer to visualise and simulate a home automation system.

Others

- Second Place winner | BUG Hunt | Vashisth-Techfest-2023. • 4th Rank in Institute Powerlifting Competiton. • Among top 10 | CTF | Techfest-2022. • Coordinated cultural and technical events to ensure seamless execution | 2022