

CONTACTS

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TECHNICAL SKILLS

- Python
- C and C++
- java
- SQL and MYSQL
- JavaScript
- HTML and CSS
- Linux and UNIX
- Communication Buses

TOOLS

- Oracle
- Arduino IDE
- Apache Netbeans IDE
- Code Composer Studio
- Visual Studio

BOARDS AND CONTROLLERS USED

- Beagle Bone
- Arduino
- ESP8266
- ESP32
- Tiva Launchpad
- Raspberry Pi

SOFT SKILLS

- Passion for Technology and Innovation.
- Project Management
- Teamwork and Autonomy.
- Versatility.
- Curiosity and Continuous Learning.
- Positive Attitude
- Adaptability and Flexibility

CERTIFICATON

- **JAYSO:** on completing Data analytics workshop

LANGUAGE PROFICIENCY

- English: Full working proficiency(written and spoken)
- French: Elementary proficiency

SANISHA PERUVAKUNNEL STEPHEN

ABOUT ME

I am a Computer Science Engineering graduate and currently pursuing a master's degree in Automotive Embedded Systems. I am looking for an internship of 4 to 6 months ,to be a part of your company, where I can enhance my knowledge and apply my technical skills to accomplish organizational goals.

EDUCATION

ESIGELEC , France and MGCER, India : [2023- Pursuing]

Grade: 8.44 CGPA [SEM 1],

Master of Science [M2]: Automotive Embedded Systems

Course learnt: ADAS • Artificial Intelligence • Research and development • Communication Buses(CAN,LIN,FLEXRAY,ETHERNET) • RTOS • Robotics and Localization • Functional Safety • IoT • Embedded Linux, •Embedded C • Computer Vision • French.

Visvesvaraya Technological University (VTU), Bangalore , India [2019-23]

Grade: 8.17 CGPA

Bachelor's: Computer Science and Engineering

Course learnt: Data Structure • Object Oriented Programming • C programming • Python •JAVA • Artificial Intelligence •IOT •Operating system(UNIX and LINUX) • Deep Learning • Machine Learning • DBMS • Cryptography • Computer Graphics • Microcontroller and Embedded Systems.

PROJECTS

WIFI BOT AUTONOMOUS ROBOT: In this project, we are developing a WIFI Bot autonomous robot for object detection, tracking, and autonomous driving using YOLOv3 and Deep SORT algorithms, as part of a semester project at ESIGELEC. A Raspberry Pi is utilized as the central processing unit, enabling efficient execution of the algorithms and seamless communication with the robot's hardware components.

ALCOHOL DETECTION AND MOTOR LOCKING (MSc. First semester Project):

This project seamlessly integrates sophisticated alcohol detection technology with motor locking mechanisms, significantly mitigating the dangers of drunk driving. Utilizing GSM technology, the system promptly alerts designated guardians with the vehicle's location upon alcohol detection, enabling swift intervention.

SMART ENERGY METER (B.E PROJECT, IOT) : I spearheaded the development of a Smart Energy Meter add-on module using Arduino and C programming, enhancing energy consumption transparency and facilitating bill management. This innovative solution includes theft detection capabilities, ensuring integrity in energy usage. Accessible via a personalized website, users can conveniently monitor their energy usage and track billing details in real-time, empowering them with greater control over their electricity consumption.

HOSTEL MANAGEMENT SYSTEMS (B.E PROJECT) : Developed a hostel management system using Java Swing (JFrame) for the front-end and MySQL for the back-end database. Designed and implemented features including room allocation, student registration, and billing management, ensuring efficient hostel operations.