LOGESWARAN S

Electronics Enthusiast

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Technical Skills

Languages: C , Python.
Technical Skills: PCB Design,Circuit Design,IoT, Embedded System.
Platforms: Arduino IDE, Altium PCB Designer, Visual Studio Code, TinkerCAD.
Soft Skills: Communication,Leadership, Problem solving, Project Management,Team work.

Projects

Automated Parking Management System   October 2024

- Developed a real-time parking system using Arduino, NodeMCU, and sensors.
- Integrated Firebase for real-time updates and automated parking management with RFID.
- Tech stack :Arduino UNO, NodeMCU ESP8266 and Firebase for cloud-based data storage and access.

Lithium Polymer Battery Charging Circuit Design

Altium Designer | Circuit Layout and Design   **Ongoing**

- Demonstrated expertise in schematic design, PCB layout, and power management solutions.

Courses completed

PCB Design and ECAD Software | *Altium education*   september 2024

- Acquired expertise in PCB design with Altium
- hands-on practice with circuit schematics and layouts.

Arduino for Embedded Systems | *Linkedin Learning*   April 2024

- Skilled in developing and deploying embedded systems with Arduino and components.

C Programming for Embedded Applications | *Linkedin Learning*   April 2024

- Gained knowledge in C programming, focusing on embedded systems applications.

Python Programming | *GUVI*   April 2024

- Learning Python with hands-on practice in problem-solving and application development.

Internships

Bharat Sanchar Nigam Limited   July 2024 -August 2024

- Learned telecommunication protocols and switching and power management.   *Tiruchirappalli,TamilNadu*
- *Assisted in customer service and troubleshooting.*

Languages

English(Fluent) , Tamil(Fluent)

Education

Government College of Engineering Srirangam   **Nov 2021 – Present**

Bachelor of Engineering in Electronics and Communication Engineering   *Tiruchirappalli, Tamil*
Nadu
CGPA:7.53.