

GOWTHAM S

Sattur | +91 93440 71284 | ssgowtham413@gmail.com |



<https://www.linkedin.com/in/gowtham-s-6505a0298>



<https://github.com/Gowthamsk01>

Objective

To obtain an entry-level position in a reputed hardware company where I can apply my academic knowledge in electronics and hardware systems, learn from experienced professionals, and grow as a skilled engineer.

Education

PSR Engineering College, Sivakasi **2022-2026**

B.E. Electronics and Communication Engineering | CGPA : 8.3/10

S.H.N. Edward Hr.Sec.School, Sattur **2021-2022**

Higher Secondary | 75.5 %

S.H.N. Edward Hr.Sec.School, Sattur **2019-2020**

Secondary | 73.2 %

Internships and Certificate

NSIC-Technical Services Center:

- INDUSTRIAL BASED EMBEDDED SYSTEM WITH AI & IO

Infosys Spring Board:

- Digital Electronics

Skills

- **Front-End:** HTML, CSS
- **Programming Language Known:** C, Verilog
- **Soft-Skills:** Leadership skills, Team Management, Critical Thinking
- **Tools Technologies:** Xilinx, Tinker cad, Fritizing, Arduino ide

Communication

- **Language Known:**
Tamil(Read,Write,Speak),English(Read,Write,Speak).

Projects

IOT Bases Smart Gloves for Disabled Person:

- **Technologies:** lot and Embedded System
- **Description:** Designed a smart glove using Arduino Nano and flex sensors to help disabled individuals communicate. The glove detects hand gestures and displays corresponding predefined messages on an I2C LCD screen..

IOT Based Flood Management System:

- **Technologies:** lot and Embedded System
 - **Description:** Designed an IoT-based flood management system integrated with a PID controller for precise water level regulation. Enabled real-time monitoring and automated flood control through sensor feedback and dynamic valve adjustment.
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