

# Muthuprabhu S

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## CARRIER OBJECTIVE

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Electronics and Communication Engineering graduate with a knowledge in Embedded Systems, Software development, Programming, and Web technologies. Seeking an opportunity in Software or IT industry to contribute to innovative solutions using skills in Java, Python, web development, and IoT systems..

## TECHNOLOGIES

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**Languages:** C++, C, Java, Python, HTML, CSS, JavaScript

**Tools:** VSCode, Github, MS Office, Arduino IDE, Tinkercad.

## EDUCATION

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**LOYOLA INSTITUTE OF TECHNOLOGY**, Palanchur - B.E. in Electronics And Communication Engineering 2021 - 2025

- CGPA: 8.4/10.0

**ST. JOSEPH MATRIC HR SEC SCHOOL**, Poonamallee - Higher Secondary in Computer Science department 2020 - 2021

- Percentage: 94%

**Dr. SIVANTHI ADITANAR MATRIC HR SEC SCHOOL**, Puzhal - SSLC 2018 - 2019

- Percentage: 91%

## INTERNSHIP EXPERIENCE

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**TECCITY LABS Pvt. Ltd., Perungudi, [Software Development]** 15/07/2024 - 16/08/2024

- Worked on basic java programs and real time software tools like Git/Github, Jira, etc.,

**FLIPKART SUPPLY CHAIN OPERATIONS ACADEMY, Poochi Athipedu, [Warehousing]** 23/09/2023 - 27/10/2023

- Worked on product segregation process and gained knowledge on Supply Chain Management

**GLOBAL TECHNO SOLUTIONS, Ashok Pillar[Internet Of Things]** 29/07/2023 - 30/08/2023

- Worked on Atmega328p micro-controller and with the sensors like IR sensor, UV sensor, Temperature sensor, Moisture sensor, Gas sensor, LDR sensor, etc.,

**SCHNEIDER ELECTRIC INDIA Pvt. Ltd., Poonamallee[Production Department]** 10/04/2023 - 10/05/2023

- Worked on MCB assembling and got the knowledge about the MCBs working principle

## CERTIFICATIONS

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**Aptitude Course** Feb 2025

Course completion certificate on Placement Oriented Aptitude Training from Aptrikz

**JAVA Course** Nov 2024

Course completion certificate on Company Specific Training on Code Development from Silicon Softwares

**Internet of Tings** Feb 2023 - Mar 2023

Course completion certificate on IoT from Elewayte

## PROJECTS

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**PERSONAL WEBSITE - Web Development** [github.com/website/repo](https://github.com/MuthuprabhuS/website)

- Developed a personal website with information about education, qualifications, and resume.

- Includes links to my LinkedIn, GitHub, and College resources.
- Tools Used: HTML, CSS, Javascript

#### **COLOR BASED PRODUCT SORTING - Embedded Based**

[github.com/Sorting/repo](https://github.com/Sorting/repo)

- Developed an Arduino system to automatically segregate products by color.
- Used a color sensor and servo motors for conveyor-based
- Tools Used: Embedded C, Arduino IDE

#### **RUDDER CONTROL SYSTEM FOR UNDERWATER AUTONOMOUS VEHICLES (at National Institute of Ocean Technology) - Embedded Based**

[github.com/Rudder/repo](https://github.com/Rudder/repo)

- Developed an Arduino system to automatically control the rudder of an underwater autonomous vehicles.
- Used IMU sensor, GPS module, HALL sensor, DC motor and Motor driver for rudder control
- Tools Used: Embedded C, Arduino IDE

#### **SMART CITY - IoT Based**

- Created a smart city model with automated street lights and smart traffic lights.
- Implemented smoke detection using IoT sensors.
- Tools Used: Embedded C, Arduino IDE

### **LANGUAGES**

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- Tamil (Mother tongue)
- English

### **SOFT SKILLS**

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- Communication Skills
- Teamwork and Collaboration
- Problem-Solving
- Time Management
- Adaptability
- Observation