

# ASWINKUMAR D

Electronics and Communication Engineering student (Pre-Final Year)

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## PROFILE SUMMARY

Enthusiastic and motivated Electronics and Communication Engineering student with strong interest in Software Development and Full Stack Development. Skilled in **Java**, **Python**, **HTML**, **CSS**, and **JavaScript**, with hands-on experience in building web applications and embedded system projects. Actively learning **Spring Boot** and **SQL** and looking for an opportunity to contribute as a fresher developer while continuously improving technical skills.

## EDUCATION

**Government College of Engineering, Salem**  
B.E - Electronics and Communication Engineering (ECE).  
2023 – 2027  
CGPA: **8.38** (up to 5th semester)

**Sivabharathi Matriculation & Hr Secondary School, Siruvappur**  
12th: **95.2%** (2022-2023) | 11th: **92.16%** (2021-2022) |  
SSLC: 100% (**All Pass**) (2020-2021)

## TECHNICAL SKILLS

**Programming Languages**  
Java, Python (Intermediate), C (Basics), C++ (Basics).

**Frontend Development**  
HTML, CSS, JavaScript

**Tools & Platforms**  
Visual Studio Code, GitHub, Tinkercad, Wokwi Simulations, MATLAB, Arduino IDE

**Core Electronics**  
Analog Electronics, Digital Electronics, Microprocessors and Microcontrollers, Communication Systems, Sensors and Embedded Systems (Basics)

**Computer science fundamentals**  
OOP Concepts, Data Structures & Algorithms (Learning), Computer Networks (Basics).

## CO-CURRICULAR ACTIVITIES / RESPONSIBILITIES

**Placement Coordinator — B.E ECE (2023 - 2027)**

**Overall Coordinator — B.E ECE (2023 - 2027)**

## SOFT SKILLS

Communication | Teamwork | Problem Solving | Quick Learner | Time Management | Self-Motivation

## LANGUAGES

Tamil English

## DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge.

## CERTIFICATIONS

- Basics of Python - Infosys Springboard
- Java Basics for Beginners - Udemy
- Certificate of Participation-CreaTech 2024

## ACHIEVEMENTS

**1st Prize - COMNET 25.0**  
*Government College of Engineering, Salem*  
(Project: Fire Fighting Robot)

**Elite Performer Award - COMNET 24.0**

## HACKATHON

**Smart India Hackathon (SIH) — Internal Hackathon Participant**

## WORKSHOPS

**Embedded Systems with lot — One Day Workshop**  
**Hands-on Training on Measuring Instruments — One Day Workshop**

## PROJECTS

**Simple Calculator Web App**  
(HTML, CSS, JavaScript)

- Built a responsive calculator web application with clean UI.
- Implemented basic arithmetic operations using JavaScript logic.

**To-Do List Web App**  
(HTML, CSS, JavaScript)

- Developed a task management web app to add, delete, and manage tasks.
- Designed simple and user-friendly interface for daily usage.

**Tribute Page with Quiz**  
(HTML, CSS, JavaScript)

- Created a tribute page with an interactive quiz feature.
- Implemented quiz logic and layout styling for better engagement.

**Fire Fighting Robot**  
(Flame Sensors)

- Designed a robot system using flame sensors for fire detection.
- Built robot functionality focused on detection and response.

**Smog Monitoring System**  
(Arduino + Bluetooth)

- Developed a smog monitoring system using Arduino.
- Sent live sensor data to mobile using a Bluetooth module.