






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, Siruvarappur

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 IoT — 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.