



Anslin Malar E

Kanniyakumari, Tamil Nadu, India
anslinmalar07@gmail.com — +91 7418856032
[linkedin.com/in/anslinmalar](https://www.linkedin.com/in/anslinmalar)



EDUCATION

Thiagarajar College of Engineering

B.E(Electronics and Communication Engineering)

CGPA: **8.25/10.0**

Madurai

2023 – 2027

Donbosco Matriculation Higher Secondary School

Higher Secondary(12th)

Percentage: **94.50%**

Kanniyakumari

2023

Donbosco Matriculation Higher Secondary School

High School

Percentage: **Pass**

Kanniyakumari

2021

AREA OF INTEREST

VLSI & CMOS Design, Analog Circuit Design, Digital System Design

TECHNICAL SKILLS

- **Programming Languages:** C, Python, Java, MATLAB

PROJECTS

Aqua Rescue–Marine Pollution Monitoring & Clearing Prototype — Sensors, Arduino, Embedded Systems, Buzzer & Alert Mechanism **March – 2025**

Team Project – Size – 2

- Designed a prototype system to monitor marine pollution and alert system with a proposed Wi-Fi enabled robotic clearing mechanism.

Automatic Fall Detection and Gas Inflated Airbag Deployment System — ESP32, IMU(Accelerometer & Gyroscope), Wi-Fi IoT Communication **June 2025 – Present**

Team Project – Size – 3

- Developed an automatic fall detection system with gas-inflated deployment and IoT-based emergency alert using ESP32 and IMU sensors.

CERTIFICATIONS

- **Generative AI for Beginners** – Great Learning
- **Phase Locked Loops** – NPTEL

LEADERSHIP & ACTIVITIES

- **Member – IEEE:** Engaged in technical events, expert webinars, and training sessions focused on emerging technologies and professional development.
- **Member – Sadas Debate Club:** Participated in debate events and discussions, strengthening public speaking, critical thinking, and communication skills.
- **Member – Ball Badminton Sports Team:** Participated in CM Trophy, Zonal, Inter-Zonal, Inter-Department tournaments.