



EDUCATION

Sri Eshwar College of Engineering	B.Tech (AI&DS) CGPA: 8.77	2025–2029
Carmel Higher Secondary School, Nagercoil	HSC 90.6%	2024–2025
Carmel Higher Secondary School, Nagercoil	SSLC 91.6%	2022–2023

PROJECTS

UAV Disaster Management 2026

Developed an AI-powered UAV-based human detection system that uses real-time aerial image processing to assist search-and-rescue operations in disaster-affected areas. The system leverages the Ultralytics YOLOv8 model to accurately detect human presence from drone-captured images. A web-based interface built with HTML, CSS, and JavaScript enables users to upload images and view detection results, while SQLite stores mission and detection data.

Tech Stack: Python, SQLite, Ultralytics YOLOv8, HTML, CSS, JavaScript.

Fix My Hostel 2026

Developed a web-based Hostel Complaint Management System to simplify the process of registering, tracking, and resolving student complaints. The system enables students to submit complaints online, monitor their status in real time, and receive timely updates. An admin dashboard allows hostel authorities to efficiently manage complaints, update their progress, and improve communication with students. The application was built using Flask for the backend, SQLite for database management, and HTML, CSS, and JavaScript for a responsive and user-friendly interface.

Tech Stack: Flask, SQLite, HTML, CSS, JavaScript.

Course Bloom 2025

Developed a responsive web application that simplifies access to online learning resources and educational courses through an intuitive user interface. Implemented features such as course listing, category-based filtering, and quick navigation to enhance the learning experience. Designed a clean and user-friendly interface using HTML, CSS, and JavaScript, ensuring seamless accessibility across devices. The platform improves user engagement by enabling efficient course discovery and easy access to learning materials.

Tech Stack: HTML, CSS, JavaScript.

CERTIFICATIONS

- C Program – IIT Bombay (2025)
- Python, CSS, JS – HackerRank (2025)
- C Programming – Infosys (2025)
- Programming Courses – Sololearn (2025)
- The Joy of Computing using Python (Elite + silver) – NPTEL (2026)

ACHIEVEMENTS

- **Decode the Dash** – Secured 2nd place in SECE technical competition on problem-solving and decoding.
- **Createathon 2025 (SECE)** – Secured 2nd place by developing a responsive website under strict time constraints.
- **ConFluence 2.0 (SRM Institute)** – Recognized as a Top 10 Participant at Confluence 2.0 – International Innovation Hackathon (25–28 June 2026).

CODING PROFILES

LeetCode: 30+ problems

SkillRack: 900+ problems, 200+ Bronze

CodeChef: 300+ problems

SKILLS

- **Programming:** C | C++ | Python | DSA
- **Web Technologies:** HTML | CSS | JavaScript
- **Tools:** VS Code | Collab | MS Word | Excel | Canva | GitHub | Code Blocks