

VISWANATHAN L

ASPIRING ELECTRONICS & COMMUNICATION ENGINEER |
PASSIONATE ABOUT EMBEDDED SYSTEMS & INNOVATION

CONTACT

- +91 94454 07204
- viswanathan.26217@gmail.com
- <https://www.linkedin.com/in/viswanathan-l-159423384/>

TECHNICAL SKILLS

C & C++ :

Learning through coursework to build a foundation for embedded programming

PYTHON

Applied in building small-scale projects and simple applications.

WEB TECHNOLOGIES : (SELF TAUGHT)

- HTML
- CSS

SOFT SKILLS

- Goal-Oriented and Flexible
- Effective Communicator
- Team Player
- Time Management
- Critical and Creative Thinker

RESPONSIBILITIES

- JOINT SECRETARY, IETE-SF:**
Coordinated technical events & workshops, enhancing student engagement & professional skills.
- FORESE MEMBER :**
Collaborated in organizing mock placement sessions for pre-final year students, enhancing their interview readiness, confidence, and overall performance
- SHORTFILM CLUB MEMBER:**
Contributed to the Videography Team by assisting with video shoots and editing, developing technical and creative skills in visual storytelling.
- SPEAKER'S FORUM MEMBER:**
Actively supported the organization of public-speaking events (including MUN), improving coordination and teamwork abilities

OBJECTIVE

Highly motivated Electronics and Communication Engineering student with a keen interest in VLSI, embedded systems, and web design. Proficient in C, C++, Python, HTML, CSS, and MySQL, with experience developing practical projects and presenting technical abstracts. Proven leadership and teamwork abilities as Joint Secretary of IETE-SF, aimed at contributing technical expertise to innovative and collaborative initiatives.

EDUCATION

- B.E. Electronics and Communication Engineering (ECE)**
Sri Venkateswara College of Engineering, Chennai ~ 2024 - Present
CGPA: 8.5
- Higher Secondary Certificate (12th)**
S.B.O.A School and Junior College (CBSE), Chennai ~ 2024
Percentage: 90.2%
- Secondary School Certificate (10th)**
S.B.O.A School and Junior College (CBSE), Chennai ~ 2022
Percentage: 81.4%

PROJECTS

- AI Fitness Coach - Application:**
Objective:
Built an AI-powered fitness app that suggests personalized daily workouts based on user goals and progress.
Technologies: Figma, HTML, CSS, Python, Machine Learning
Roles and Responsibilities:
 - Designed app prototype and user interface using Figma, HTML & CSS.
 - Contributed to AI model logic for workout recommendations.
 - Prepared project presentation and documentation for hackathon.
- Pothole Detection System - Abstract:**
Objective:
Presented an abstract proposing a smart, real-time pothole detection system for road maintenance at MAKEATHON 6.0.
Technologies: HTML, CSS, React JS, Yolo v8, Open CV, FastAPI, PyTorch, MySQL, Firebase
Roles and Responsibilities:
 - Collaborated on defining the core problem and designing the conceptual solution structure.

AWARDS

- Enigma | First Place - ₹ 400**
Electronics and Communication Engineering Association, SVCE