

I am an enthusiastic Electronics and Communication Engineering undergraduate, passionate about emerging technologies like IoT, automation, and intelligent systems. With hands-on experience in projects and internships, I thrive in collaborative environments, eager to learn and innovate. I aim to bridge the gap between theory and practical applications by developing impactful solutions. Committed to continuous learning and growth, I look forward to opportunities that enhance my skills and industry experience.

Education

November 2022 - May 2026

Francis Xavier Engineering College, Tirunelveli - *Bachelor in Electronics and Communication Engineering*

8.4 GPA

7.9 CGPA

Skills

Programming	Python, Embedded C, Labview, HTML, Matlab, CISCO
Technologies	Embedded and IOT, Mobile Robotics
Platforms	Wokwi, ThingSpeak, ThinkerCAD
Soft Skills	Presentation, and story telling skill, Logical Thinking and Problem Solving

Courses

Embedded C programming	Front - end Development	Python	AI & ML
CSS Selector for Web designer	The Robotics and Embedded System		

Certifications and Awards

- Optical Wireless Communication for beyond 5G network - NPTEL
- Introduction to industry 4.0 and industrial internet of things
- The robotics and embedded system - IntelDiya
- Earthquake early warning system - StartupTN
- Miners Guardian robot - Dr. Kalam young achiever award
- Secured Elite + Platinum in the Foundation Skill training

Project Experience

June 2024 - July 2024

Adventure Technologies Pvt Ltd, Chennai - Hardware Engineer Intern

- Designed and tested electronic circuits and hardware components for Iot- based projects
- Assisted in developing embedded systems using microcontrollers and sensors
- Conducted PCB design and troubleshooting for prototypes
- Collaborated with cross-functional teams to optimize hardware performance and reliability

June 2024 - August 2024

Main Flow Technologies - Web Development Intern

- Developed responsive websites using HTML, CSS, JavaScript, and modern frameworks
- Implemented backend functionality using PHP and integrated MySQL databases
- Optimized website performance and user experience through debugging and code enhancement
- Collaborated with designers to translate UI/UX designs into functional web pages

Other Projects :

- Minor Guardian Robot - It is a robot designed to help the miners to keep in aware of their environment
- Smart Ration card using RFID
- Sustainable laundry solution for washerman using water efficient technology
- Grey water management
- Ecosense - The Smart Energy Management System (SEMS)

Other Activities

- Miners Guardian robot - Dr. Kalam young achiever award
- Earthquake early warning system - StartupTN
- Fastest Line follower - Technoxian, Noida, Delhi
- Volunteered 2 days for "We are your Voice in Jobfare" - NSS
- CSS Selectors for web designers - Online Certification
- Multisim Live Simulator - Certification course
- Paper presentation, Project presentation, Idea pitching and Hackathons
- 30 Days Masterclass on python programming