LOGESH S

About Me

- I am an Electrical and Electronics Engineering (EEE) student passionate about developing innovative solutions in the Electric Vehicle (EV) and compressor domains
- I am seeking an internship to deepen my expertise and contribute to impactful advancements in these core areas

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🏠 Karur, TamilNadu-639008.

LANGUAGE

- Tamil
- English

RESEARCH AND DEVELOPMENT INITIATIVES

- Explored the replacement of Switched Reluctance Motors (SRM) with BLDC motors, along with battery charging using photovoltaic cells during stable and running conditions.
- Proposed the implementation of SRMs in compressors and discussed the feasibility with expert jury members and industry professionals.

HARDWARE PROJECTS

- Scrolling LED
- Two Multi-function Robots
- Battery Switching
- Smart Home Automation

HOBBIES

- Exploring Emerging Technologies
- Designing and Building Robots
- Circuit Design and Prototyping

GITHUB

Github name - codidiot-user
Link - https://github.com/codidiot-user

CERTIFICATIONS

- Python Programming Certification
- Mind Mapping Techniques
- Analyzing Your Mental Models
- Java Completion Certification

SKILLS

- Technical Skills: Python, C (in process), Core knowledge, EV Technology.
- Soft Skills: Leadership, Critical Thinking, Creativity, Negotiation, Project Management.

ACHIEVEMENTS

- Shortlisted in MSME IDEA HACKATHON.
- Secured 11th position in Anvenshana National level Project Expo.
- Successfully developed a Python-based web application.

SOFTWARE PROJECTS

- Project: QuantWeb
- Description: Developed a chat AI model using Python.
- Link: https://codidiot-quantweb-ai.streamlit.app/
- Project: QuantWeb Background Remover.
- Link:https://remover-codidiot-user.streamlit.app/

EDUCATION

Bachelor of Electrical and Electronics Engineering at V.S.B. Engineering College | 2022–2026.

Cheran Matric Higher Secondary School | Completed in 2022