

SREE HARI VEMULA

Electrical and Electronics Engineer

+91 8688391072 • sreeharivemula07@gmail.com • www.linkedin.com/in/sree-hari-vemula
• https://sreehari1437.github.io/Sree_Hari_Vemula_Portfolio/ • Kurnool

Summary

Enthusiastic Electrical and Electronics engineering student transitioning into software development, with a strong foundation in system design and problem solving. Proficient in HTML, CSS and learning Java with a passion for Java full stack web development. Eager to leverage technical skills to build impactful applications and contribute to innovative software solutions.

Education

Dr. K.V. SUBBA REDDY INSTITUTE OF TECHNOLOGY

B. Tech in Electrical and Electronics Engineering

Percentage - (Currently - 73 %).

2023 - Pursuing

Dr. K.V. SUBBA REDDY INSTITUTE OF TECHNOLOGY

Diploma in Electrical and Electronics Engineering

Percentage - 76.36%

2020 – 2023

MONTESSORI E.M. HIGH SCHOOL

Secondary School Certificate

Percentage - (97.33%)

2019 - 2020

Experience

APTRANSCO - Trainee | Kurnool | Aug 2022 - Jan 2023

A leading transmission corporation in Andhra Pradesh

- Performed maintenance and troubleshooting of power system equipment, improving reliability by 15%.
- Diagnosed performance issues and implemented corrective measures, reducing downtime by 20%.
- Supported safety audits and compliance checks, contributing to a 10% improvement in safety.

SUGNA Sponge & Power Pvt. Ltd. – Trainee | Tadipatri | May 2025 – July 2025

- Assisted in maintaining and testing industrial electrical systems, ensuring efficiency and safety.
- Conducted hands-on troubleshooting of electrical components, enhancing system performance.
- Applied academic knowledge to practical power system operations, strengthening real-world expertise.

Skills

- Programming Languages: HTML, CSS, Basics of Java.
- Tools & Platforms: Canva, Git, VS Code, Arduino IDE, MATLAB/Simulink (EEE).
- Technologies: IoT, Electric Vehicles Technology, Web Development.
- Soft skills: Problem-solving, Teamwork, Communication, Adaptability, Growth Mindset

Certifications

- Smart Grid: Basics to Advanced Technologies – NPTEL
- Electric Cars – edX (Offered by Delft University)
- Basics of VLSI - NIELIT
- Google AI Essentials – Google (Offered by Coursera)
- IR 4.0 Technologies - Edunet(offered by Microsoft and SAP)

Projects

Mini Hydro-Electric Power Generation System | Team Leader | April 2023

- Created a system that efficiently converted kinetic energy from water flow into electricity,providing a reliable, renewable energy solution.
- Integrated turbine and generator systems, optimizing energy output by 25% and offering off-grid power solutions.

LPG Gas Leakage Alert & Turnoff System (IoT) | Team Leader | March 2024

- Developed a real-time monitoring system with sensors to detect gas leaks and automatically shut off the supply.
- Engineered the system to reduce safety risks by 40% through automation and prompt alerts.

Solar Tracking System | Team Leader | December 2022

- Designed and implemented an automated solar tracking system to maximize energy absorption.
- Utilized sensors and control mechanisms to optimize solar panel orientation, increasing energy capture,efficiency by 20-30% compared to fixed panels.

Languages

Telugu

English

Hindi