

SADANALA MADHURI SAI LAKSHMI

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Career Objective

Electrical & Electronics Engineering graduate with a strong technical foundation in Power Systems, Electrical Machines, and Circuit Design. Proven ability to integrate industrial safety standards with modern automation tools like PLC and MATLAB. Seeking to contribute technical expertise and problem-solving skills to a dynamic engineering team while driving operational efficiency and innovation.

EDUCATION

Bachelor of Technology 2021 – 2025

Shri Vishnu Engineering college for women, Bhimavaram
Electrical & Electronics Engineering
8.4 CGPA

Intermediate 2019 – 2021

Aditya Junior College, Palakol
MPC
9.4 CGPA

Secondary School of Certificate 2018 – 2019

Divine Mercy E.M School, Veeravasaram
9.7 CGPA

SKILLS

Technical Skills

Core Electrical: Power Systems, Electrical Machines, Control Systems, Power Electronics, Circuit Design.

Software & Tools: AutoCAD Electrical, MATLAB/Simulink, PLC (Basic Ladder Logic), MS Excel.

Hardware: Multimeter, Oscilloscope.

Soft Skills

Problem Solving, Teamwork, Communication, Quick Learning, Time Management.

INDUSTRIAL EXPERIENCE

Intern, Triveni Earth Movers Pvt Ltd (NTPC) 06/2023 – 08/2023

- Gained real-time industrial experience in a mining environment specializing in natural resource extraction.
- Contributed to a project involving the conversion of ultra-heavy loaders and dump trucks to electric and dual-fuel (LNG) systems.

Jamshedpur,
Jharkhand

Data Science Intern, THINK AI 01/2023 – 03/2023

- Acquired knowledge in developing data science and machine learning models using Python.
- Developed prediction models for Energy Usage Forecasting and Diamond Price Prediction.

Languages

- English
- Telugu
- Hindi

CERTIFICATIONS

Cloud Computing (NPTEL)

Completed a certified 12-week course focusing on cloud infrastructure and deployment models.

PLC & Industrial Automation

Trained in basic ladder logic and automation workflows used in modern manufacturing environments.

MATLAB Programming

Certified in utilizing MATLAB for technical computing and system simulations.

Electrical Safety & Maintenance

Specialized in safety protocols, hazard identification, and maintenance procedures for electrical systems.

Power Systems Fundamentals

Focused on the analysis of power generation, transmission, and distribution networks.

PROJECTS

ML Project: House Price Prediction

Developed a tool to predict house prices, enabling stakeholders to make informed decisions using ML tools.

Software: Jupiter Notebook.

Technologies used: Machine Learning, Python.

Design of Portable Rectifier Module for Academic & Research Applications

Design and develop a portable, modular rectifier module for academic and research applications, focus on flexibility, efficiency, and safety.

Technologies used: MATLAB Simulink

ACTIVITIES & HOBBIES

Leadership

Coordinator for Techne (Technical) Club at SVECW and School-level Sports Club Coordinator.

Engagement

Active participant in professional events organized by SVECW bodies.

Hobbies

Dancing and Playing Badminton.

Declaration

I hereby declare that all the information mentioned above is true to the best of my knowledge and belief. I take full responsibility for the correctness of the particulars provided.

Sadanala Madhuri Sai Lakshmi
Bhimavaram