

# Simhadri Vakada

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## Career Objective

Motivated and detail-oriented Electrical Engineering student with a strong foundation in Electrical Equipment Testing, Relay Protection, and Power Systems Simulation. Seeking an entry-level opportunity to apply my technical knowledge and problem-solving skills in a dynamic organization like NISSI Engineering Solutions, while continuously learning and contributing to innovative energy solutions.

## Skills

- Technical Skills
  - Electrical Equipment: HT/LT Panel Testing & Commissioning
  - Relay Testing: Electromechanical, Static, and Numerical Relays
  - Simulation Tools: MATLAB, ETAP, PSCAD
  - Programming: Python, C (basic automation & analysis)
- Soft Skills
  - Problem Solving & Analytical Thinking
  - Teamwork & Collaboration
  - Strong Communication Skills
  - Quick Learner & Adaptability

## Education

- Bachelor of Engineering – Electrical & Electronics Engineering  
Avanthi Institute of Engineering and Technology | 2022 – 2026  
CGPA: 7.00
- Intermediate (10+2)  
Sri Lakshmi Ganapathi Junior College | 2020 – 2022  
CGPA: 60%
- Secondary School (10th)  
Abhyudaya High School  
CGPA: 90%

## Projects

- Substation Relay Protection System – Designed and studied relay coordination and protection schemes.
- Python-based Fault Current Tool – Developed a program to calculate basic fault currents.

## Training & Internships

- SkillDzire – Electrical Vehicle (Hands-on learning in EV fundamentals and applications)

## Certifications

- Arduino with Scratch

## Hobbies

- Watching Stories
- Listening to Music