

SANTOSH RAWLO

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Career Objective

Motivated Electrical and Electronics Engineering student with hands-on experience in renewable energy systems, automation, and data analysis. Eager to contribute technical skills, analytical thinking, and project experience to a dynamic engineering or data-driven organization focused on innovation and sustainability.

Technical Skills

- **Programming:** Python, SQL
- **Frontend:** HTML, CSS
- **Operating Systems:** Windows, Linux
- **Soft Skills:** Communication, Time Management, Leadership, Teamwork, Adaptability

Education

B.Tech – Electrical & Electronics Engineering
Aditya Institute of Technology and Management, Tekkali
CGPA: 7.58

Jul 2021 – Apr 2025

Intermediate – MPC
Aditya Junior College, Haripuram
Marks: 822 / 1000

Jun 2019 – Apr 2021

SSC
S.R.S.M.Z.P. High School, Mandasa
CGPA: 8.7

Jun 2018 – Apr 2019

Internship Experience

Bharat Heavy Electricals Limited (BHEL)
Heavy Plates & Vessel Plant, Visakhapatnam

Apr 2024

- Assisted in configuring and testing substation automation protocols, contributing to a 20% reduction in response time for fault isolation.
- Analyzed power distribution circuits and proposed improvements, improving energy flow efficiency by 10%.

- Collaborated with senior engineers to troubleshoot control panel issues, ensuring 100% system uptime during the internship period.

Projects

Sun Tracking Solar Panel System

- Designed an automated solar tracking system using LDR sensors and microcontroller logic.
- Integrated servo motors to adjust panel orientation dynamically based on sunlight intensity.
- Improved energy efficiency over fixed panels, suitable for residential and commercial use.

Certifications

- Dot Net Full Stack – Wipro
- Data Analytics with Python – APSSDC
- MS Excel (Advanced) – Udemy
- AI for Everyone – Coursera

Co-curricular Activities

- Maintained 99.2% accuracy in data labeling over 3 consecutive quarters.
- Awarded “Top Performer” in team review for consistent quality and reliability.

Extra-curricular Activities

- Led community awareness campaign on renewable energy in rural areas.
- Active NSS volunteer committed to community service and environmental sustainability.
- Passionate about continuous learning and emerging technologies.