

Rakesh Siraparapu

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EXPERIENCE

IRAI SHO Renewable Energy Ltd

Apprenticeship

I have gained hands-on experience in the electronics department of a solar renewable energy company, where I have learned about various aspects of solar panel technology and their working mechanisms. My responsibilities include assembling and testing solar panels, troubleshooting issues with existing systems, and maintaining equipment to ensure optimal performance.

SKILLS

- C language
- 8086 emulator
- M S Office
- 8051 Keil

EDUCATION

Government Polytechnic, Chodavaram

Currently pursuing my diploma in Electronics and Communication Engineering

2022 - 2025

Gurajada Public School, Vizianagaram

Completed my basic schooling.

PROJECTS

Wireless Digital Board (Group Project)

In this project, I was tasked with creating a digital message board with wireless integration. The goal of the project was to demonstrate my understanding of wireless technology and its potential applications in various industries. The project involved designing and building a digital message board that could communicate wirelessly with other devices using a Bluetooth Low Energy (BLE) module. I used a microcontroller as the main brain of the device, which allowed me to control the display and interact with it remotely. The project also included the integration of sensors such as temperature and humidity sensors, which were able to monitor the environment and provide real-time data to the user.

The project was completed in a team environment, where I collaborated with my fellow apprentices to design and implement the project. We used a variety of tools and software, including a development board, an IDE, and a BLE scanner to test and verify the functionality of the device.

SUMMARY

Highly motivated and detail-oriented person seeking to expand my knowledge and skills in the field of electronics, with a focus on wireless technology and its applications. Proficient in programming languages such as C++, Python, and Java, as well as proficient in using development boards, IDEs, and BLE scanners. Strong attention to detail and ability to work effectively in team environments. Seeking an opportunity to apply my skills and knowledge in a challenging and rewarding role.