

Suhani Priya

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EDUCATION

Government Polytechnic Ranchi

Diploma, Electronic and Communication - SGPA: 79%

Jharkhand, India

July 2022 – June 2025

Red Rose School

Matriculation - Percentage: 83%

Jharkhand, India

July 2021 – April 2022

EXPERIENCE

Diploma Engineer Trainee (Testing and Validation Engineer)

Exicom

August 2025 – Present

Hyderabad, India

- Performed testing and validation of various PCBA cards using FPT and ATE setups.
- Prepared and maintained FTY reports, passed and failed PCBA card reports, and validation documents.
- Handled documentation activities related to testing processes and maintained testing records.
- Worked on SAP handling and updated testing-related data and reports.
- Prepared and presented monthly reports and presentations related to testing and production activities.
- Verified and maintained monthly maintenance sheets and related documentation.
- Collaborated with engineering teams to improve testing workflow and process efficiency.

PROJECTS

Wireless Remote Data Monitoring System

Arduino, C/C++

- Developed a Wireless Remote Data Monitoring System to collect and transmit real-time sensor data using IoT technology.
- Designed and implemented a cloud-based monitoring platform for remote access to live data.
- Integrated communication protocols such as Wi-Fi, LoRa, and Bluetooth.
- Optimized data processing and visualization for real-time monitoring.

Automatic Water Dispenser System

C/C++, Arduino

- Developed an Automatic Water Dispenser System using IR sensors and a solenoid valve.
- Implemented a microcontroller-based control system to regulate water flow automatically.

TECHNICAL SKILLS

Programming: Python, C/C++

Embedded System: Arduino, ESP32, Sim800L

Databases: MySQL

Hardware Design: PCB Design (Altium), AutoCAD, Circuit Design, Multimeter, Oscilloscope

Developer Tools: VS Code, Arduino IDE, Git, Xilinx

Additional Skills: Power BI, MS Excel, MS Word, SAP

ACHIEVEMENTS

- Got 3rd position in Inter-School G.K. Quiz competition in 10th standard organised by Red Rose in 2021.
- Got 1st position in SKIT competition organised by Red Rose Inter School Competition in 2019.
- Organized and managed various technical and cultural events.

CERTIFICATE

- Certificate of Full Stack Development.
- Internship Certificate of C/C++.