Sanket Nalawade

Pune, Maharashtra | 9960199451
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Summary

Recent Electronics Engineering graduate with hands-on experience in PCB testing, troubleshooting, and quality control, acquired through roles at Bharat Electronics Limited. Passionate about launching new projects and exploring both PCB Designing and embedded system design. Seeking an entry-level engineer position to leverage my skills and grow within a dynamic team.

Experience

Bharat Electronics Limited | Pune
Graduate Apprentice Trainee | 10/2023 - Present

- Conducted PCB testing and troubleshooting in the Development and Engineering department, focusing on the **Airborne LRF**, **Lights LRF**, and **SBCFL Project**.
- Played a key role in the design and manufacturing process of these Laser Range Finders (LRFs), ensuring high standards of quality and performance.
- Implemented and refined quality control measures to enhance product reliability across various LRF projects.

Bharat Electronics Limited | Pune
Intern | 03/2023 - 08/2024

- Worked on the **T-90 LRF** project, assisting senior engineers in the testing and validation of LRF products used in defense applications.
- Executed unit tests, and troubleshot defects to ensure the functionality and reliability of T-90 LRFs

Education

Dr. Babasaheb Ambedkar Technological University | Raigad, Maharashtra
Electronics and Telecommunication | 08/2023

- **CGPA**: 7.98
- **Relevant Coursework**: Arduino, IoT, Embedded Systems, App Development.
- **Key Projects**:
  - **Smart Irrigation System (March 2021 - August 2021):** Developed an automated irrigation system using Arduino, IoT, and sensors, enhancing agricultural efficiency.
  - **Car Speed Detection (March 2022 - August 2022):** Created a system for detecting vehicle speed using Arduino and IR sensors, contributing to road safety initiatives.
  - **Restaurant Management System (September 2022 - February 2023):** Designed a Python-based GUI application for streamlining restaurant billing processes.

Skills

- **Technical Skills**: PCB Troubleshooting, PCB Designing (CADSTAR), Lab Equipment (Oscilloscope), Soldering, Arduino.
- **Programming**: Python, C++, Git, Web Development.
- **Tools & Platforms**: Arduino IDE, Tkinter (Python).