

Prajwal Sachin Mahadik

Electrical Engineering Student

✉ prajwalmahadik2@gmail.com

☎ 9850846572

📍 Pune, Maharashtra

🌐 LinkedIn

Profile

Electrical Engineering student with hands-on experience in HV & LT panel testing, quality inspection, and switchgear systems (VCB, ACB, CT, PT). Seeking an internship in manufacturing, EV, or electrical systems to strengthen practical knowledge and contribute to industrial operations.

Education

B.E Electrical Engineering (3rd Year), *P.E.S Modern College Of Engineering*

Skills

- | | |
|---------------------------------|------------------------------------|
| • HV & LV PANEL TESTING | • PANEL WIRING AND LAYOUT CHECKING |
| • AutoCAD Electrical (Learning) | • MS EXCEL |
| • PSIM SIMULATION | • HTML & CSS |

Professional Experience

Production & Quality Check Intern, *VIDYUT CONTROLS & AUTOMATION PVT LTD.*

- Assisted in production, assembly, and testing of HV & LT panels (VCB, ACB, CTs, PTs, Protection Relays).
- Performed quality inspection of wiring, components, and panel layout.
- Conducted primary Injection ,HV and Megger Test on control panels
- Prepared annunciator windows using MS Word and assisted in customer inspections

Academic Project

BAARS (Barcode Attendance and Recording System)

Designed an ESP32-based system with a barcode scanner and web interface to automate attendance tracking. Integrated Firebase Firestore for real-time data storage and monitoring by administrators. Tools: ESP32, Firebase Firestore, HTML, CSS, JavaScript, Barcode Scanner

Certificates

- | | | |
|---|---|----------------------------|
| • Arduino by spoken tutorial | • Battery and Battery Management Systems (BMS) Course | • HTML Essentials by cisco |
| • Autocad Electrical Essentials- Source CAD | | |