



SHUBHAJEET PAL

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ABOUT ME

"Aspiring Electrical Engineer with foundational technical knowledge and an interest in manufacturing, project management, Maintenance & Troubleshooting. Eager to learn, grow, and develop skills while contributing to the organization."

EDUCATIONAL QUALIFICATIONS

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|---|-----------------------|
| Vishwakarma Government Engineering College, Ahmedabad Bachelor of Engineering in Electrical Engineering CGPA 9.11, CPI 9.03 (Secured 5th rank across Gujarat Technological University) | 2023 - Present |
| Government Polytechnic, Ahmedabad Diploma Degree in Electrical Engineering CGPA 9.76, CPI 9.84 | 2020-2023 |
| Sadhu Vaswani Higher Secondary School Secured 74% in SSC Examination | 2016 |

WORK EXPERIENCE & INTERNSHIPS

Service Engineer - Amrut Energy Pvt. Ltd., Ahmedabad (01/01/26 - Present)

- Currently working as a Service Engineer after completing my internship at Amrut Energy, providing video-call support for installation, troubleshooting, and maintenance of solar water pumping systems. Gaining hands-on experience in real-time technical assistance.

Basics of PLC Programming Internship - Indo German Tool Room, Ahmedabad (02/07/25 - 16/07/25)

- Learned the basic concepts of PLC Programming through simple programming exercises.

Electric & Hybrid Vehicles Internship- International Automobile Centre of Excellence, Gandhinagar (27/01/25 - 31/01/25)

- Learned about different types of electric and hybrid vehicle technology.

PROJECTS

Landmine Detection Vehicle Using Arduino

- A robotic vehicle that uses a metal detector sensor to sweep an area. The Arduino triggers alarms like LEDs and a buzzer upon detecting a metal object, simulating a mine.

Automatic Floor Mopping Robot (Featured in Divya Bhaskar ePaper)

- An autonomous robot that navigates a room using ultrasonic sensors to avoid obstacles. It uses a small water pump to wet a mop pad and clean the floor.

EXTRACURRICULAR ACTIVITIES

- NSS Volunteer (National Service Scheme)** — Engaged in community service and awareness campaigns.
- Completed Finishing School 2025** — 80-hour training program of Soft skills and English skills by Gujarat State Government.
- Completed Honors Course in Electric Vehicles** (GTU – Optional Specialization)

SKILLS

1.) Public Speaking 2.) Reliability 3.) Adaptability 4.) Leadership and Teamwork

AREA OF INTEREST

1.) Induction Motors 2.) Transformers 3.) DC Machines 4.) Power Systems

LANGUAGES KNOWN

1.) English 2.) Hindi 3.) Gujarati 4.) Bengali