

## ABOUT

Electrical Engineering graduate with strong interest in transmission lines, power distribution, and renewable energy systems. Passionate about sustainable energy solutions and eager to apply technical knowledge in real-world projects. Quick learner, team-oriented, and focused on continuous growth in the power and energy sector.

## SKILLS

**1. Electrical Engineer with expertise in transmission and distribution lines, solar energy systems, and thermal power plants (up to 800 MW). 2. Skilled in electrical technical solutions and familiar with AutoCAD for electrical design. 3. Completed Mudra TPSDI Solar Skill for Engineers and Mudra 800 MW Thermal Power Plant Familiarization certifications, enhancing practical knowledge of renewable energy and power plant operations. Continuously upgrading skills to support innovation and sustainability in power systems.**

## EXPERIENCE

**FEB 2023 - FEB 2024**

**SS OPERATOR**

**GETCO (ONIX STRUCTURE PVT LTD )**

Experienced Operator with one year of hands-on work at the 66 kV Substation in Dahithara, Gujarat. Managed the operation, monitoring, and maintenance of high-voltage electrical equipment, ensuring efficient and safe functioning of the substation. Skilled in troubleshooting and conducting routine inspections of transformers, switchgear, and other key substation components. Adept in adhering to safety protocols, preparing performance reports, and supporting system upgrades for improved reliability and minimal downtime.

## PROJECT

**TPSDI - TATA MUNDRA**

Duration: 11 JUN 2024 - 16 JUN 2024

**TRAINING ( VISIT)**

Hands-on training in solar and thermal power systems including solar cell types, efficiency, panel wiring (series/parallel), MC4/IP68 connectors, battery types & maintenance, earthing tests, and solar site selection at TPSDI (TATA POWER SKILL DEVELOPMENT INSTITUTE) & Gain Practical exposure to solar panel performance measurement (V-I curve, tilt angle effect) and 4500 MW TATA Thermal Power Station operations (generation, transmission).

**SOCIAL INTERNSHIP**

Duration: JULY 2024 - AUG 2024,  
Team Size: 2

**Volunteering work**

Volunteering work at (SADBHAVANA VRUDHASHRAM RAJKOT ) and actively involved in community service, including assisting elderly people and caring for birds and animals.

**DOMAIN SPECIFIC INTERN AT 66kV GETCO**

Duration: MAY 2024 - JUNE 2024

**OPERATOR**

1. Operated and monitored 66kV substation equipment ensuring safe and reliable power supply.  
2. Gained hands-on experience in switching operations, load monitoring, and fault observation

**LDR BASED STREET LIGHT**

Duration: DEC 2021 - JAN 2021,  
Team Size: 2

**GROUP LEADER**

Objective: Developed an automatic street lighting system using LDR technology, where the light turns ON at dusk and OFF at dawn, enhancing energy efficiency.  
Role: Designed the circuit, integrated LDR sensors and relays, and tested the system for reliable operation.  
Achievement: Optimized energy consumption by automating street light operation based on ambient light conditions.

**CPS USING UNO & IRS**

**GROUP LEADER**

Duration:FEB 2022 - APRIL 2022,  
Team Size:3

Objective: Developed an automated car parking system that uses Arduino and IR sensors to detect available parking spaces and park the car automatically.  
Role: Designed and programmed the system using Arduino, integrated IR sensors for space detection, and developed algorithms for automated parking.  
Achievement: Successfully created an efficient and space-optimized parking system, reducing manual intervention and increasing convenience.

## CERTIFICATIONS

- TPSDI CERTIFICATE Completed certification from Tata Power Skill Development Institute (TPSDI), gaining practical skills and industry-focused training in the power and energy sector.
- ANVESHANA CERTIFICATE Successfully participated in ANVESHANA 2024 – a National Level Hackathon, showcasing problem-solving and teamwork skills in a competitive tech environment.
- ELECTRICAL PS DESIGN SOFTWARE Completed a 2-day workshop on Electrical Power System Design Software, gaining practical exposure to system modeling, simulation, and design tools used in the industry.
- ROBOT BUILDING AND RACING CERTIFICATE Completed certification in Robot Building and Racing, developing hands-on skills in robotics design, assembly, and competitive performance.

## EDUCATION

Degree / Course	University / Board	Percentage / CGPA	Year of passing
BTECH In EE	Atmiya University	7.22	2026
DIPLOMA In EE	GTU	8.28	2023
10th	GSEB	5.3	2019

## PERSONAL INFO

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## INTERESTS

TO work with power generation, transmission and distribution system.

## DECLARATION & SIGN

