

# Suraj Kiran Chaudhari

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📍 Pune

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## PROFILE

Enthusiastic Electrical Engineering student with hands-on experience in power systems, PLC-SCADA automation, and substation operations through internships at MAHAGENCO and Vimal Solar Pvt. Ltd. Seeking an opportunity to apply technical skills in automation and energy-efficient solutions.

## EDUCATION

### JSPM'S Rajarshi Shahu College of Engineering, Pune

Bachelor of Technology (Electrical) - 8.64

September 2023 - June 2026

### Government Polytechnic, Awasari

Diploma (Electrical) - 86.83%

December 2020 - June 2023

### N.K.Narkhede English Medium School, Bhusawal

Secondary School Certification (SSC) - 87%

June 2019 - March 2020

## INTERNSHIPS

### Bhusawal Thermal Power Station (MAHAGENCO)

In Plant Training

June 2024 - July 2024

Trained in thermal power plant operations, safety protocols, and control systems, with exposure to boilers, turbines, and generator units.

### Vimal Solar Pvt. Ltd.

Industrial Training

June 2022 - August 2022

Gained hands-on experience in PV installation, grid connection, rooftop layout design, and shadow analysis.

## PROJECTS

### Efficient Solar Tracking with Paraffin Wax

Designed a passive solar tracker using paraffin wax for alignment, eliminating electric actuation.

### Impact of kVAh Billing on Various Consumer Categories in Manchar Area.

Analyzed billing data across consumer categories to evaluate the financial impact of kVAh billing; proposed data-driven recommendations to improve billing efficiency and energy utilization.

## TECHNICAL SKILLS

- PLC & SCADA Systems
- MATLAB / Simulink
- AutoCAD (Electrical Drafting)
- MS Office (Excel, PowerPoint, Word)

## CERTIFICATIONS

### Softwell Automation (PLC & SCADA)

Hands-on training in PLC & SCADA systems for industrial automation.

### Lauritz Knudsen Electrical & Automation Training Centre

Attended hands-on workshop on low-voltage switchgear, protection, and insulation systems.

### Autocad Internshala Certificate

Scored 98% in 6-week training focused on 2D electrical drafting and technical drawing.

## LANGUAGE

English, Hindi, Marathi, Gujarati