

# Priyanshu Kumar

Electrical Maintenance | Power & Distribution | Motors & Drives | Control & Automation

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## PROFESSIONAL SUMMARY

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Electrical Engineer with a strong foundation in electrical machines, power electronics, and power systems. Demonstrates sound knowledge of motors, transformers, rectifiers, inverters, choppers, and converters, with exposure to Variable Frequency Drives (VFDs) for efficient motor control. Possesses an understanding of renewable energy systems and their electrical integration. Committed to developing efficient, reliable, and sustainable energy solutions and eager to contribute to technical excellence in a dynamic engineering environment.

## WORK EXPERIENCE

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### Electrical Maintenance Internship

Welspun Steel Limited, Anjar Gujarat

May 2025 – May 2025

- Supported preventive and corrective maintenance of electrical systems, including different motors, transformers, and industrial drives.
- Gained practical exposure to safety standards, documentation, and cross-functional collaboration in a high-volume manufacturing environment.

### Academic Projects

#### Solar Tracking System (Arduino-Based) & Ultrasonic Distance Sensor (Arduino-Based)

- Designed and built a dual-axis solar tracker using Arduino and LDR sensors to maximize solar panel efficiency.
- Applied embedded programming and signal processing techniques for accurate object detection and distance calculation.

## EDUCATION

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### Bachelor of Engineering in Electrical Engineering

Vishwakarma Government Engineering College (VGEC), Chandkheda, Ahmedabad

Graduation: Year of passing 2026

CGPA: 8.72 (Till Present)

### Higher secondary Education (Class XII)

GSEB : Year of passing 2022

### Secondary Education (Class X)

CBSE BOARD : Year of passing 2020

## SKILL

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- Teamwork collaboration, Leadership, Content Writing, Presentation Skills, Analyzing Complex Problem, Adaptability Learning

## CERTIFICATIONS

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- Python Training from IIT Bombay
- NSS Event
- Green Hydrogen Training (In progress) from skill india