

KOMAL NARALE

Electrical and Computer Engineering Student

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CAREER OBJECTIVE

Aspiring Electrical Engineer with strong analytical and design skills, seeking an entry-level opportunity to enhance knowledge in electrical equipment control and testing. Eager to contribute to organizational growth while continuously learning and adapting in a dynamic environment.

EDUCATION

B.Tech — Electrical and Computer Engineering | *Padmabhushan Vasantdada Patil Institute of Technology*, Bhudhagav, Sangli 2023 – 2026 (Pursuing)

Diploma in Electrical Engineering | *Government Residence Women Polytechnic (GRWPT)*, Tasgaon, Sangli 2019 – 2022
Percentage: 74.44%

SSC | *Shivajirao Shendge Babu Vidyalay*, Ghorpadi, Sangli 2018 – 2019
Percentage: 70.20%

INTERNSHIP & TRAINING

Trainee Intern | *Sbarda Electronics & Co.*, Sangli

- Gained hands-on exposure to electrical components in a practical industrial work environment.
- Assisted in basic installation, testing, and maintenance activities of electrical systems.

Intern | *Electro-India Industries*, Sangli

- Completed internship training encompassing electrical systems and industrial operations.
- Learned practical applications of electrical components and safety procedures.

Workshop: Programmable Logic Controllers (PLC)

- Learned fundamentals of Programmable Logic Controllers and gained practical knowledge of automation and logic control systems.

CERTIFIED COURSES

Industrial Training on PLC, SCADA and HMI — *Ganamaxmi Industries*

Trainee Web Development — *iBase Electrosoft LLP*

Internship Certificate — *Sbarda Industries*

PROJECT HIGHLIGHTS

Smart Glasses for Blind People (2026)

Developed a smart assistive device to improve accessibility for visually impaired individuals using embedded systems and computer vision.

Implemented real-time object detection for enhanced navigation and situational awareness.

Automatic Water Level Controller (2024)

Developed an automated system using sensors and a microcontroller to monitor and control water levels in real time.

Reduced water wastage by maintaining optimal tank levels and ensuring efficient water management.

Hybrid Power Generation System (2022)

Designed and implemented a system integrating renewable energy sources — solar and wind — for continuous and reliable power supply.

Focused on optimizing energy generation, storage, and distribution for improved efficiency and sustainability.

SKILLS

Technical: Electrical Systems Basics · PLC (Basic Level) · MATLAB & Simulink · C Programming · MySQL (Basic) · HTML

Soft Skills: Teamwork · Time Management · Leadership · Critical Thinking · Adaptability · Positive Attitude

Languages: Marathi · Hindi · English