

# Tejas Rajendra Kothawade

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## Objective

Enthusiastic and detail-oriented Electronics & Telecommunication Engineer with a strong interest in embedded systems, IoT, and wireless communication. Passionate about building innovative solutions and gaining hands-on experience through practical projects. Eager to contribute to impactful engineering teams while continuously learning and growing in the tech domain.

## Education

- SNJB's KBJ COE Chandwad ,Nashik (Savitribai Phule Pune University) Dec 2021- June 2025  
B.E in Electronics and Telecommunications CGPA 7.46
- Pratap College Amalner May 2020-May 2021  
Maharashtra State Board -HSC  
89%
- G.S. High School Amalner June 2018- March 2019  
Maharashtra State Board - SSC  
88.20%

## Projects

-  PIR Sensor-Based Solar Light  
Designed a solar-powered lighting system that automatically turns on when motion is detected using a PIR sensor. Gained hands-on experience in renewable energy, sensor calibration, and power-efficient design.
-  Voice Empowerment: Vocalizer for Mute Individuals .  
Building an assistive device to help mute individuals communicate through speech synthesis and vocalization technology. Combines knowledge of speech recognition, embedded electronics, and human-computer interaction.

## Internship

- Hind light Nashik  
Duration - Dec 2023- Jan 2024  
Internship description :-Gained practical experience in the manufacturing and assembly of LED-based street lights, floodlights, solar lighting, and PIR sensor-based lighting systems.  
Developed knowledge in sensor integration, soldering, and basic electronic circuit design

## Certifications

- Certifications
  1. C Programming – Basics
  2. Digital Marketing Fundamentals – Introductory Course
  3. MATLAB Onramp – MathWorks

## Skills

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### Programming Languages & Tools:

C, C++, python ,Embedded C, Arduino IDE, MATLAB, Proteus, PLC ladder language

### Core Skills:

PLC ,SCADA and Automation ,Embedded Systems, Sensor Integration, Circuit Design, IoT Applications, Networking protocols

### Soft Skills:

Team Leadership, Communication, Problem Solving, Team Management

## Declaration

- I hereby insist all above details are true to the best of my knowledge.