

# RAKSHA SONEWANE

[Maharashtra Nagpur][ 8329368775] | [rakshasonewane437@gmail.com] | [Linkedln](#)

---

## SUMMARY

Motivated and enthusiastic Electronics and Telecommunication Engineering student currently in the 7th semester, with a strong foundation in core engineering principles and programming. Proficient in C and C++, with a keen interest in embedded systems and hardware-software integration. Possess excellent communication, presentation, and leadership skills developed through academic projects and team activities.

---

## EDUCATION

- **Priyadarshini Bhagwati College of Engineering, Nagpur**  
Bachelor of Engineering (Electronics and Telecommunication Engineering) | 2022 – 2026 |  
Average( till 6<sup>th</sup> Sem):85.45%
  - **D.B. Science College, Gondia**  
June 2022 | HSC | Percentage:61.33% |
  - **Shahid Mishra High School, Tirora**  
June 2020| SSC | Percentage:87.40% |
- 

## EXPERIENCE

Intern – Embedded Systems Trainee  
*PECSA Robotics Pvt. Ltd, Nagpur*

*June 2025 – Present*

- Currently undergoing internship training focused on embedded system, circuit design, software testing.
  - Applying programming skills in C/C++ to real-world tasks and team projects. Learning microcontroller interfacing and real-time programming in C.
- 

## PROJECTS

- **Designed an IoT-based Fire Alarm System** using a flame sensor and buzzer to detect fire and trigger alerts. The system was built using NodeMCU and featured a remote dashboard for real-time monitoring over Wi-Fi.
  - **Designed an Solar Tracking System** using Arduino, servo motors, and LDR sensors to automatically adjust the solar panel's position toward the sunlight. The system improves energy efficiency by maximizing sunlight capture throughout the day.
- 

## TECHNICAL SKILLS

- Microcontroller Programming
  - Programming Language: C and C++
  - PCB design
  - Basic Arduino or IOT System
- 

## SOFT SKILLS

- Adaptability
  - Work Ethic
  - Critical Thinking
  - Communication Skills
- 

## CERTIFICATES

- C Programming Language
  - C++ Programming Language
-