

SARTHAK VIJAY GAVANDE

SambhajiNagar, Maharashtra, India

+919421297175

sarthakg0305@gmail.com

linkedin

Github

Summary

Graduate Electronics and Telecommunication Engineering student with a strong interest in automation and process optimization. Eager to apply technical knowledge in automation systems, control systems, and industrial applications while continuously enhancing engineering skills.

Education

Pune Vidyarthi Griha's College of Engineering, Nashik <i>B.E. in Electronics & Telecommunication Engineering — CGPA: 8.04</i>	2022 – 2026
Deogiri Junior College, Sambhaji Nagar <i>HSC (XII) Science — Percentage: 79.50%</i>	2021 – 2022
Deogiri Global Academy School, Sambhaji Nagar <i>SSC (X) — Percentage: 84.20%</i>	2019 – 2020

Skills

- **Programming:** Python (Basic), C (Basic)
- **Database:** SQL
- **Cloud:** Linux, AWS
- **Tools:** Microsoft Excel, Git, GitHub
- **Embedded Systems:** Arduino, Microcontrollers
- **Web Technologies:** HTML, CSS
- **Automation & Control:** RFID Systems, Sensor Integration
- **Soft Skills:** Communication, Teamwork, Problem Solving, Time Management

Internship

CodSoft <i>Web Developer Intern</i>	Apr 2024 – Jun 2024 <i>Remote</i>
– Designed 3+ responsive web projects using HTML, CSS, and JavaScript, improving cross-device compatibility.	
Talent Battle <i>Programming Intern</i>	Dec 2024 – Jan 2025 <i>Remote</i>
– Completed 15+ coding assignments focused on C programming and problem-solving techniques.	

Projects

- Digital Weighing Scale and BMI Calculator**
 - Developed an ESP32-based health-monitoring system using Load Cell, HX711, and HC-SR04 for automated weight and height measurement.
 - Implemented BMI calculation, classification, calibration, and LCD display using embedded C++.
- Heartbeat Sensor (Arduino-Based BPM Monitor)**
 - Developed an Arduino-based system for real-time heartbeat monitoring and BPM measurement.
- Metro Door (RFID-Based Access Control System)**
 - Built an RFID-enabled smart door system for secure user authentication and access control.
- Task Management System**
 - Created a C-based application for task creation, tracking, and management.

Awards & Certifications

- **Digital Design Certification:** Maven Silicon
- **PCB Design Certification:** Next Gen PCB Design
- **Infosys Springboard Certifications:** Advanced MATLAB, Internet of Things , and Network Topologies & Technologies