

PRAGATI WALE

+91-7249190543 | walepragati05@gmail.com
linkedin.com/in/pragati-wale | github.com/Pragatianandwale

SUMMARY

Third-year Electronics and Telecommunication Engineering student with a strong academic record (CGPA: 9.77) and hands-on experience in IoT systems, embedded systems, and PCB design. Seeking internship opportunities to apply technical skills in real-world engineering challenges.

EDUCATION

Bachelor of Engineering in Electronics and Telecommunication Engineering Aug 2023 - June 2027

Bharati Vidyapeeth College of Engineering for Women (BVCOEW), Pune **CGPA: 9.77/10**

Relevant Coursework: Digital Signal Processing, Microcontroller, Communication Systems

Higher Secondary Certificate (HSC) in Science June 2022 - June 2023

Cygnnet Public School, Pune **78%**

Secondary School Certificate (SSC) June 2020 - June 2021

New English Medium School, Ghodegaon, Pune **96%**

TECHNICAL SKILLS

Programming Languages: C, C++, Python, MATLAB

Tools & Software: MATLAB Simulink, Arduino IDE, Keil, Proteus

Hardware: Arduino, 8051 Microcontroller, ESP32 Microcontroller

PROJECTS

PCB Design 2024

- Experience of PCB development process including PCB designing using design software
- PCB printing - Transferring design onto copper boards
- Drilling and etching - Preparing the board for circuits
- Soldering components - Placing and securing electronic components
- Connectivity testing - Ensuring proper circuit functionality

IoT-Based Fall Detection and Alert System for Elderly People 2024

- Designed and implemented an IoT wearable solution using ESP32, MPU-6050/ADXL335, MAX30102, and GPS to detect falls and monitor vitals
- Integrated AI-based motion classification (SVM/Random Forest) to reduce false alarms
- Enabled real-time alerts via mobile app, SMS, and cloud platforms

Automatic Gate Opener Using Arduino 2024

- Designed and implemented an Arduino-based automatic gate opening system using sensors and motor control to enable hands-free and secure gate operation

LEADERSHIP & INVOLVEMENT

IEEE Member - Active participation in technical events and workshops