

PROFILE

Electronics & Telecommunication
Engineering student with a strong
interest in MATLAB, signal processing,
and control systems. Seeking
opportunities to apply analytical and
creative skills in signal analysis.

SKILLS

- **Technical**: MATLAB, Simulink, Arduino, C.
- Core: Signal Processing, Control Systems, Embedded Systems
- Soft: Teamwork, Problem Solving, Creativity

EDUCATION

- Pursuing B.Tech. in Electronics & Telecommunication
- Pimpri Chinchwad College of Engineering, Pune | Expected 2027
- CGPA: 8.11 / 10

Tanvi Shimpi

ENGINEERING STUDENT

EXPERIENCE (ACADEMIC PROJECTS)

- 1. Music Genre Classification (MATLAB) Classified genres using FFT & filter banks.
- **2. Anomaly Detection in Signals (MATLAB) –** Used modified Z-scoring for signal irregularity detection.
- **3. Proximity Sensor (Arduino) –**Built ultrasonic distance sensor with LED indication.
- **4. Touch Alarm System (IC555) –**Designed touch-triggered alarm circuit using 555 timer.

COURSES & CERTIFICATION

- MATLAB Onramp MathWorks
- Simulink Onramp MathWorks
- Web Development Bootcamp Udemy
- PostgreSQL Bootcamp Udemy

CREATIVE INTERESTS

- · Digital Art and design
- Traditional Art
- Travelling
- · Fitness / Yoga



