Tanvi Shimpi

ENGINEERING STUDENT

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

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

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