

ARYAN BHATT

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EDUCATION

- **B E – Electronics and Instrumentation Engineering (Currently pursuing)** 2025
JSS Academy of Technical Education
8.77 (up to 5th semester)
- **PRE UNIVERSITY** 2022
VVS Sardar Patel PU College
91.16
- **10th GRADE** 2020
Florence High School
93.76

SKILLS

- **Core Skills:** Digital and Analog Electronics, Embedded Controllers, MATLAB, Basics of C programming, Python and Machine Learning.
- **Soft Skills:** Critical Thinking, Leadership, People Management, Problem Solving, Teamwork, Communication.

AWARDS

- **Secured 2nd Runner-Up at the Design & Innovation Clinic 2025**, organized by CMTI, Bangalore, for developing a real-time sign language recognition system to bridge communication gaps for the speech and hearing impaired.

PROJECTS

- **Smart Agriculture and Crop Protection System.** 2024
Built a low-cost Arduino-based system to monitor temperature, humidity, and soil moisture, with automated irrigation and pest/intruder alerts using a PIR sensor. Designed for small-scale farmers to improve yield, save water, and enhance crop protection.
- **An Intelligent System for Real-Time Sign Language Translation.** 2024
Developed a real-time sign language translation system combining image processing and machine learning on a microcontroller. Captured hand gestures are translated into text and speech via a web interface and LCD with integrated TTS, enabling accessible communication for the hearing and speech impaired.

INTEREST

Music, Volunteering.

LANGUAGES

English, Kannada, Hindi.