



Tanu Tomar

Technical Skills: C++ (DSA), Embedded C, MATLAB, HTML, CSS, JavaScript

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Certification:

- Applied Machine Learning in Python (Dec 2023)
- MATLAB Fundamentals, Machine Learning with MATLAB, Signal Processing Onramp

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (ECE) AI and Cybernetics	June 2022 Ongoing	Vellore Institute of Technology, Bhopal	9.14/10
Class XII	March 2022	Govt. Excellence H.S. school Vidisha	93.4%
Class X	March 2020	Govt. Excellence H.S. school Vidisha	97.7%

ACADEMIC PROJECTS

Hardware Based	Sign language to Speech Conversion System Feb (2024 - May 2024) <ul style="list-style-type: none">-Description: Designed a cutting-edge system that converted sign language gestures into sounds to assist in closing the communication gap for the deaf and hard-of-hearing population.-Technology: Arduino IDE, C++-Team Project: 3 Members-Role: Coded the system for gesture-to-speech conversion in real time. Plant Health Monitoring System (Aug 2023 - Nov 2023) <ul style="list-style-type: none">-Description: Created an Arduino-based automated plant care and environmental monitoring system for smart agriculture.-Technology: Arduino IDE, C++.-Team Project: 2 Members-Role: Integrated sensors, and programmed the system.
	Chat Bot (Jan 2024 - Feb 2024) <ul style="list-style-type: none">-Description: Built a responsive chatbot that responds to users by providing pre-responses based on a predefined dataset.-Technology: HTML, CSS, JavaScript-Project: Individual-Role: created the entire chatbot interface and functionality.

CO-CURRICULARS

Coding	-Solved 300+ problems on GeeksforGeeks in C++ -Solved 100+ problems on Leetcode in C++
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EXTRACURRICULARS AND ACHIEVEMENTS

Achievements	-Awarded with Dreamed STAR Scholarship from VIT Bhopal. -Secured first position in district merit in class 12 th . -Awarded a Laptop On the basis of 12 th result By Honorable District Collector. -Awarded by Vigyan Jyoti Scholarship
Responsibilities	-Team Member of EV Club, VIT Bhopal.
Extracurricular	-Attended, offline Workshop on Electric Vehicle (Techfest), IIT Bombay, (Sept 2023) -Attended Two Day National Symposium on Innovations in Intelligent Systems sponsored by the Science and Engineering Research Board (SERB), Govt. of India (Feb 2024)

ADDITIONAL INFORMATION

Hobbies	-Playing Badminton, Dancing
Language	-Hindi, English