

# Maitree Patel

22BCE2118

Bachelor of Technology  
in Computer Science and Engineering  
Vellore Institute of Technology , Vellore

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## SUMMARY

As a second-year Computer Science Engineering student, I am deeply passionate about the realms of Robotics, Electronics, Artificial Intelligence and Machine Learning. Proficient in utilizing platforms like Arduino, ESP8266 and Python libraries such as Pandas,numpy and Matplotlib for data analysis and the development of intricate machine learning models. Committed to continuous learning and innovation and looking for an internship to get more hands on experience in this field.

## EDUCATION

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech CSE	Vellore Institute of Technology , Vellore	VIT Vellore	8.95(Till 3rd Sem)	2022-2026
Senior Secondary	Shannen Kids School	CBSE	89.5%	2022
Matriculation	Shannen Kids School	CBSE	95.6%	2020

## PROJECTS

- **Hand gesture controlled bot** Jun 2023 - Aug 2023  
*As Robovitics Club project* [Github](#)
  - A hand gesture-controlled bot is a robotic system that responds to gestures or movements made by the user's hand.
  - It was created by integrating an Arduino microcontroller with an MPU6050 sensor for motion detection and a HC-05 Bluetooth module for communication.
- **Predictive Modeling and Analysis of Titanic Survival Rates** Jan 2024 - Mar 2024  
*Pyhton for Data Science and Machine Learning Course* [Github](#)
  - Utilized Logistic Regression, machine learning model to predict survival outcomes from the Titanic disaster data and conduct comprehensive analysis to unveil factors influencing survival rates, presenting insights in an accessible manner.
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- **Iris flower classification** Feb 2024 - Mar 2024  
*Pyhton for Data Science and Machine Learning Course* [Github](#)
  - Employed Support Vector Classification (SVC), classify the species of iris flowers depicted in annotated images, leveraging machine learning techniques for accurate identification and categorization.
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- **Sales prediction** Feb 2024 - Mar 2024  
[Github](#)
  - Employed Linear Regression, forecasted product sales leveraging pertinent dataset variables, facilitating informed decision-making and strategic planning.
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## TECHNICAL SKILLS

- **Programming Languages:** C/C++, Python,Java,JavaScript,HTML,CSS
- **Tools and Frameworks:** Jupyter, Visual Studio
- **Operating Systems:** Windows

## KEY COURSES TAKEN

- **CSE:** Introduction to C/C++, Object Oriented Programming in C++, Data Structures and Algorithms, Web programming,Probability and Statistics,Microprocessor and Microcontroller,Complex numbers and Algebra

## CERTIFICATIONS

- Pyhton for Data Science and Machine Learning Course Completion Certificate Udemy
- 5 star coder in C++ and 4 star coder in Python HakerRank

## EXTRA CURRICULAR

- \* **Senior Core Committee member -Electrical and AI/ML domain,**Robovitics Club, VIT Mar. 2023 - Apr. 2024
- \* **Core Committee member-Electrical domain,**Team Orcus, VIT Sep. 2023 - Apr. 2024