

# PRANSHU RASTOGI

📍 INDIA 📞 8882121993

## ◦ DETAILS ◦

India  
8882121993  
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## ◦ LINKS ◦

[LinkedIn](#)  
[GitHub](#)

## ◦ SKILLS ◦

### PROGRAMMING

Languages:

- C
- Java
- C++
- Python

Technologies:

- HTML
- CSS
- JavaScript

### OTHERS

- Marketing and Documentation
- Public Speaking
- Hockey
- Football

## ◦ LANGUAGES ◦

English  
Hindi

## 👤 PROFILE

**Objective:** *To secure a summer internship leveraging my Computer Science background and passion, contributing to organizational innovation and growth.*

Motivated and detail-oriented Computer Science Engineering student with a strong passion for innovation and technology. Proficient in programming languages including C, Java, C++, and Python, and experienced in web development technologies such as HTML, CSS, and JavaScript. Demonstrated expertise in project management, documentation, and marketing, with a proven track record of success in both individual and team environments. Possesses strong communication and leadership skills, developed through active participation in club activities and competitive events. Committed to continuous learning and adept at leveraging emerging technologies to address real-world challenges.

## 📁 WORK EXPERIENCE

### Aligned Automation

Intern

June 2024 — July 2024

I developed a python package containing ML Tools and Helper Functions for automating some Machine Learning tasks such as pre-processing and basic Regression and Classification algorithms. This project allowed me to gain hands-on experience in creating reusable code and libraries and enhancing my understanding of machine learning concepts and implementation techniques. Collaborating with my team, I ensured code quality and functionality while receiving valuable feedback that improved my coding practices.

### AICTE OIB-SIP

Internship in Python Programming

March 2024 — April 2024

Created basic python coding projects, learned how to use and integrate APIs into a python programme.

## 👥 VOLUNTEER

### RoboVITics (The Official Robotics club of VIT)

Senior Core Member

March 2023 — Present

I honed my skills in Python coding with learned implementation of basic Machine learning concepts. I am also involved in documentation, marketing, and event promotion. My club experience has also equipped me with teamwork, leadership, and organizational skills, which are invaluable assets in any professional setting.

## ★ PROJECTS

### Product Review Sentiment Analyzer using NLP in Python

May 2024

The Python script conducts sentiment analysis on product reviews, first preprocessing text by removing stop words. TF-IDF vectorization is employed to convert text to numerical data, facilitating analysis. Logistic regression is used for classification, yielding an accuracy of 81.63%. Model performance is validated via a confusion matrix. The script further offers real-time sentiment prediction for user input, enhancing its practical utility in evaluating product reviews' sentiment with technical precision.

### Personal Web Portfolio using HTML, CSS & JavaScript

April 2024

The project involved crafting CSS styles to structure and design an aesthetically pleasing and responsive website layout. Notable features included a sticky navigation

bar that remains fixed during scrolling and a dynamic carousel powered by Owl Carousel for displaying images. Implemented with jQuery, functionalities such as a scroll-up button, smooth scrolling, and animated text were added to enhance user interaction. Furthermore, a mobile-friendly toggleable menu was integrated for improved accessibility on smaller devices.

Live website link: <https://pranshu-rastogi.github.io/portfolio/>

### **Investment Risk Management using MS Excel**

February 2024

Learned how to quantify risk-to-reward using Treynor Ratio and calculate the value at risk for investment portfolio.

## ★ **ACHIEVEMENTS**

### **2nd Runner Ups – CodeRush IEEE-TEMS**

October 2023

### **3rd Place – “Srujan”:- Physics Make-a-thon**

June 2023

### **1st Place – VIT Fresher’s League Hockey**

September 2022

### **1st Place – International Social Science Olympiad**

2019, 2018, 2017, 2016, 2015

## 🎓 **EDUCATION**

### **Bachelor of Technology, Vellore Institute of Technology, Vellore**

Pursuing,

September 2022 — May 2026

Computer Science Engineering – 8.84/10 (till 4<sup>th</sup> Sem)

### **12th, Shalom Hills International School, Gurugram**

March 2021 — July 2022

Science (PCM): - 93.6%

### **10th, Shalom Hills International School, Gurugram**

March 2019 — May 2020

94.0%

## 🏆 **CERTIFICATES**

### **Azure AI Fundamentals**

July 2024

Issued by Microsoft

### **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**

July 2024

Issued by Oracle

### **MACHINE LEARNING A-Z: AI, PYTHON & R + CHATGPT**

July 2024

Issued by Udemy

### **Successful Negotiation: Essential Strategies and Skills**

January 2023

Issued by Michigan University