



## Pragati Sandeep Vaishnav

Roll No.: 242191023

M.Tech in Computer Engineering with specialisation in  
Software Engineering

Veermata Jijabai Technological Institute, Mumbai

Address: B-Block, VJTI Girls hostel, Matunga East,  
Mumbai

+91-8208213371

sovaishnav73@gmail.com

psvaishnav\_m24@ce.vjti.ac.in

GitHub

LinkedIn

## EDUCATION

- Veermata Jeejabai Technological Institute** 2024-2026  
M.Tech Software Engineering SGPA: 8.25
- MVPS's KBT College of Engineering,Nashik** 2020-2024  
B.E. Computer Engineering CGPA: 8.95
- Municipal Jr. College, Malkapur** 2018-2020  
State Board of Higher Secondary Education,Maharashtra percentage: 80.92
- G.V.M. Vidyalaya, Malkapur** 2018  
State Board of Secondary Education, Maharashtra Percentage: 91.20

## PERSONAL PROJECTS

- Weather Chatbot using FastAPI (Deployed on AWS)** July-Aug 2025  
Built a FastAPI chatbot that delivers real-time weather updates using OpenWeatherMap API, deployed on AWS EC2.
  - Tools & technologies used: Python, FastAPI, OpenWeatherMap API, HTML/CSS, AWS EC2, Uvicorn
  - Description of project :This project delivers real-time weather updates via a FastAPI chatbot that processes user queries using the OpenWeatherMap API and is deployed on AWS EC2 for public access.
  - Live on: <http://34.250.141.157:8000/>
- AI-Powered Document Q&A System using RAG** Jan-Feb 2026  
GenAI app using Retrieval-Augmented Generation for document Q&A
  - Tools and technologies used: Python, LangChain, FAISS, Hugging Face Transformers, Streamlit
  - Built a RAG pipeline to retrieve document chunks using embeddings and generate answers via LLMs. Enabled PDF upload and interactive querying through a chatbot interface.
- Document Generation and Verification using Blockchain(Copyright 2024)** Aug 23-March 24  
This project aims to develop and implement a verifiable digital certificate system using blockchain technology.
  - Tools & technologies used: Blockchain, IPFS, pinata, Firebase, solidity, React, Tailwind CSS.
  - Description of project :This system can be used across education, jobs, government, and healthcare to securely and cost-effectively manage and verify digital certificates.

## TECHNICAL SKILLS

- Languages :** C++, SQL, Python
- Tech Stack :** PyTorch, scikit-learn, Hugging Face, OpenCV, Blockchain
- Database :** MySQL, Firebase

## POSITIONS OF RESPONSIBILITY

- Class Representative:** M.Tech Software Engineering Sept 24-Aug 25
- Treasurer :** Association of Computer Engineering Students(ACES) Aug 22-April 23
- Event Co-ordinator:** Association of Computer Engineering Students(ACES) Aug 23-April 24

## ACHIEVEMENTS

- Technical Achievements:** 1)Avishkar Intercollege Project Competition Aug-2024
- 2) Smart India Hackathon** Feb 2024
- Extra Curricular Achievements:** Intercollege Carrom Winner Jan23 and Jan24

## CERTIFICATIONS

- Google data analytics certification | Spanish Language Certification**