Vasave Pratik Suresh
Enrollment No.: BT22CSE074

B.Tech − Computer Science And Engineering
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EDUCATION

Degree/Course	Institute /Board	CGPA/Percentage	Year
B.Tech.Computer Science And Engineering	Visvesvaraya National Institute of Technology, Nagpur	6.76 (Current)	2022-2026
CLASS XII (HSC)	Late.Prof.B.S.Saindane Arts And Sci Jr. College, Molgi	86.8 %	2020-2021
CLASS X (CBSE)	Jawahar Navodaya Vidyalaya Nandurbar-1	83.0 %	2018-2019

PROJECTS

- **Walmart Store System**   *Feb. 2024 - Mar. 2024*

  The project effectively implements the management system for the Walmart store using a   Walmart-Store-System

  AVL Tree as its primary data structure

  – Tools & technologies used: C language
  – Implemented core operations: inserting/updating items, creating/ deleting aisles, merging aisles, and checking Item availability.
  – Designed features for inventory alerts (low stock threshold, expiry within a week) and a billing system that updates Item quantities automatically.

- **Heap Memory Management System**   *Feb 2024*

  Developed a virtual heap memory manager in C using a static array with a metadata-linked list.   *Heap-Management*

  – Tools & Technologies used: C language, Data Structure(Array, Linked List).
  – Implemented first-fit allocation, deallocation, block merging, and heap visualization.

- **Clean Room vs Messy Room**   *Sept. 2024 – Nov 2024*

  Classify images of clean and messy rooms using logistic regression with preprocessed greyscale   *Clean/Messy-Room*

  images

  – Support dynamic test set updates, display predictions, and evaluate model accuracy effectively.

TECHNICAL SKILLS

Programming Languages: C/C++
Developer Tools: HTML, CSS
Database Technologies: MySQL
Tools & Technologies: Git & GitHub, VS Code

POSITIONS OF RESPONSIBILITY

· Event Manager, E-Cell Club, VNIT   *Jun. 2023 – Mar. 2024*
· Member, Prayaas Club, VNIT   *Aug. 2023 – Feb. 2025*

EXTRA CO-CURRICULAR

- Participated in college sports events (Basketball, Cricket)
- Volunteer Team Lead at Institute Gathering