

SIDDHARTH PATIL

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Education

Veermata Jijabai Technological Institute (VJTI)

Bachelor of Technology in Computer Engineering

Expected Graduation 2027

- CPI: 8.10

Relevant Coursework

- | | | |
|------------------------|---------------------------|-------------------------|
| • Data Structures | • Database Management | • Operating Systems |
| • Software Engineering | • Artificial Intelligence | • Computer Organization |

Projects

Recipe App | 🍳 Python, Flutter

October 2024 – January 2025

- Collaborated in a team of 4 to develop Recipaura, a recipe recommendation app integrating machine learning with an engaging user experience.
- Built intuitive and responsive UI components using Flutter, and contributed to the overall app design, ensuring visual consistency and usability.
- Worked on the all-MiniLM-L6-v2 sentence-transformer model to provide personalized recipe recommendations based on user-selected ingredients and dietary preferences.

Chat App | 🍳 Python

December 2024

- Developed a Python socket-based chat application enabling real-time messaging between multiple clients.
- Designed a TCP server using socket and select/threading to manage concurrent client connections and broadcast messages efficiently.
- Built client-side functionality for nickname authentication, message input/output, and reliable connection handling.
- Organized code with modular server and client components and clear function separation for maintainability.

Technical Skills

Languages: C++, Python, SQL, HTML/CSS, Dart/Flutter

Developer Tools: VS Code, Git, GitHub

Extracurricular

Debate and Literary Arts Society, VJTI

Oct 2024 – Present

Contingent Leader

- Managed team participation and strategy for inter-college events as a Contingent Leader.

Design Head

- Created Instagram ads with Canva to boost event visibility and engagement, and contributed to on-site event decoration.