

# SIDDHI KUMBHAR

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## SUMMARY

Dedicated and motivated Computer Science and Engineering student with a specialization in Data Science, showcasing a passion for coding, development, and logical problem-solving. Eager to contribute skills and knowledge to dynamic projects and environments.

## EDUCATION

### B-Tech , Computer Science and Engineering(Data science)

Graduating June 2026

Sardar Patel Institute Of Technology

7.87 GPA

Andheri

Relevant coursework: Database Management system , Data Structure , Operating System

## TECHNICAL SKILLS

**FrameWorks/libraries:** React.js , Node.js ,Tensorflow ,Numpy , Pandas , Scikit-learn

: Git/GitHub , MySQL , MongoDB

**Programming:** Java, C, Javascript , HTML , CSS , Python

**Relevant Coursework:** OOPS , DataBase Management , Operating system , Computer Networks , Data Structures and Algorithm

## ACADEMIC PROJECTS

### EMOBEATS

Jan 2024 – March 2024

Developed an intelligent music recommendation system that selects songs based on the user's current emotional state

- Machine Learning and Emotion Detection: Developed and optimized a convolutional neural network (CNN) using TensorFlow and Keras for high-accuracy facial emotion detection, integrating OpenCV for real-time emotion recognition and achieving a detection accuracy of over 90
- Recommendation Algorithm and Integration: Designed and implemented a custom recommendation algorithm in Python, leveraging the youTube to dynamically curate playlists based on detected emotions, ensuring seamless integration and real-time music streaming.
- Frontend and Backend Development: Engineered a responsive user interface using stremlit, HTML, and CSS enabling real-time data processing and a smooth user experience.

### DietBuddy

March 2024

Developed an web based application to provide personalized nutrition and diet plans

- Algorithm and Data Analysis: Engineered a sophisticated algorithm in Python, leveraging Scikit-learn to analyze user health metrics and dietary preferences, generating customized meal plans based on advanced predictive modeling and historical data trends.
- Frontend and Testing: Developed a responsive and dynamic user interface using HTML, CSS, and Streamlit, coupled with rigorous unit and integration ensuring high reliability, seamless performance, and an intuitive user experience.

## ACTIVITIES

### Startup Coordinator At IIC , SPIT

Aug 2023 – AUg 2024

Monitor 30 Commities for Handling their events report

- Conducted Varous Seminar on startup , innovation for College Student
- Monitor colleges committe and made report of all IIC driven Activities

### Sub-Committe Member at SPORTS , SPIT

Oct 2022 – June 2023

Handled various intercolleges and intracolleges event

- Did extensive PR for sports event.
- Handles 600+ peoples in SPIT Marathon.