

# Rishita Mehta

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Udaipur, Rajasthan - 313001, India

## OBJECTIVE

Seeking a challenging position in Computer Science to leverage my expertise in Core programming in multiple languages like Java and C++, along with software development. The aim is to contribute to innovative projects at the intersection of Web Development, UI/UX Design, and practical problem solving in fields such as Data Structures and Algorithms.

## EXPERIENCE

### • Navrasa Group

Dec 2024 - March 2025

Graphic Design Intern

Remote

- Designed and produced diverse visual content for digital platforms, contributing to consistent brand messaging and user engagement.
- Collaborated with cross-functional teams to translate abstract concepts into compelling visual narratives, enhancing communication effectiveness.
- Contributed to the visual layout and user interface (UI) elements for internal projects, applying principles of design for improved clarity and user experience.

## EDUCATION

### • Vellore Institute of Technology

September 2023 - May 2027

B. Tech in Computer Science Engineering - Core

Bhopal, India

- CGPA: 8.5/10

### • SVGMS

2017 - 2023

Higher Secondary

Barisadri, Rajasthan

- 12th Percentage: 81 %
- 10th Percentage: 93%

## PROJECTS

### • Samvidhan Path :

October 2024 – January 2025

Tools: ReactJS, NodeJS, TailwindCSS

- Description: Deployed an interactive ReactJS/NodeJS web app to educate users on the Indian Constitution.
- Designed responsive UI and REST APIs for seamless user experience using TailwindCSS.
- Collaborated in a team of 5 to deliver a high-performance, accessible site.
- Link and Results: <https://samvidhan-path.vercel.app/>

### • Waste Sort AI :

January 2025 – April 2025

Tools: Python, YOLOv8, Streamlit, React.js, Flask

- Description: Built and deployed an AI-powered waste classification system using YOLOv8 for real-time object detection.
- Integrated ML models with a Streamlit and Flask backend for seamless data processing and user interface.
- Integrated AI waste detection with a React.js frontend for real-time classification in a collaborative team environment.

### • Smart Flow Traffic Management :

May 2025 – July 2025

Tools: Python, OpenCV, Flask, React.js

- Description: Developed an AI-based traffic management system that uses real-time video data analysis with OpenCV.
- Designed and trained prediction models in Python to optimize and forecast traffic flow patterns.
- Built a web interface using Flask and React.js for real-time monitoring and visualization of traffic data.

## SKILLS

- **Programming Languages:** Java, C++, Python
- **Web Technologies:** HTML, CSS, Javascript
- **Soft Skills:** Communication, Leadership, Teamwork
- **Others:** GitHub, Database Management System, Operating System, Figma, Canva

## **CERTIFICATIONS**

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- **Azure Data Fundamentals DP-900 - Microsoft** *June 2025*
- **MERN Full Stack - Ethnus** *May 2025*
- **Introduction to Machine Learning - NPTEL** *April 2025*

## **ADDITIONAL INFORMATION**

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**Extra-Curricular Activities:** Core Member: Blockchain Club VITB (Social Media and Marketing), Startup Club (Event Management)

**Hobbies:** Chess, Hockey, Music

**Languages:** English, Hindi