

Krati Madhwani

kratimadhwani2022@vitbhopal.ac.in — +91 7800696377

Education

VIT Bhopal University, Madhya Pradesh

B.Tech in Computer Science, Expected May 2026

Cumulative GPA: 8.73 / 10

St. Mary's Convent Inter College, Prayagraj

ISC (12th): 88%, July 2021

ICSE (10th): 96.4%, July 2019

Projects

Turning Trash Into Treasure

Aug 2023 – Nov 2023

- Led a team to build a machine learning system using CNNs and OpenCV that achieved 0.78 accuracy in real-time garbage detection and 0.96 in item segregation.
- Developed a user-friendly web interface with mobile scanning capabilities for streamlined waste monitoring and classification.
- **Technologies:** Python, OpenCV, CNNs, HTML5, CSS3, JavaScript

GradeUp

Feb 2024 – Apr 2024

- Built a machine learning-driven academic support platform for personalized study schedules.
- Designed responsive frontend UI improving engagement by 25%; achieved 0.89 model accuracy.
- **Technologies:** HTML5, CSS3, JavaScript, PHP, MySQL

Finance and Expense Tracker

Oct 2024 – Apr 2025

- Developed a personal finance tracker in a team of 9 with scalable backend using RESTful APIs.
- Backend overhaul increased scalability by 30%, supporting 5,000+ concurrent users.
- Integrated secure transaction processing using Express.js and MongoDB, reducing processing time by 30%.
- **Technologies:** Node.js, Express.js, MongoDB, React.js, JavaScript, HTML5, CSS3

Internships

Wipro

June 2025 – Ongoing

Frontend Developer Intern – Contributed to developing responsive and accessible UIs to enhance performance and UX.

The Cyber Delta

Nov 2022 – Feb 2023

Public Outreach and Article Writing Intern – Authored cybersecurity awareness articles and supported online safety campaigns.

Activities

English Literary Club, VIT Bhopal

Oct 2023 – Feb 2024

Content Wing – Volunteered for AdvITYa'22, organized club events, and contributed to Gazette'24 with articles and reports.

IoT Club, VIT Bhopal

July 2023 – Feb 2024

Event Management Team – Managed 2 technical events, driving participant engagement and meaningful discussions.

Skills

Technical: Java, HTML5, CSS3, Bootstrap, SQL, PostgreSQL, MongoDB, JavaScript, Node.js, Express.js, Embedded JS, RESTful API, Git, GitHub

Soft: Communication, customer service, social work

Languages: Hindi, English (fluent), Sindhi

Certifications

-
- Simulink and Matlab Onramp (Sept 2022)
 - Cloud Computing – IIT Kharagpur (May 2024)
 - Computer Networking – Coursera (Dec 2023)
 - Marketing Analytics – IIT Kharagpur (May 2025)