

Riya Verma

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EDUCATION

Vellore Institute of Technology, Bhopal

BTech Major in Computer Science Core

Cumulative GPA: 7.8/10

Madhya Pradesh

Expected May 2026

Apeejay School

Pitampura, Delhi

12th Standard Percentage : 80.2%

10th Standard Percentage : 90%

SKILLS

Languages: Python, C++, HTML5, JavaScript, CSS3, MATLAB

Databases: MySQL, SQLite3

Frameworks & Tools: GIT, React.js, Django, REST APIs

CERTIFICATIONS

Kaggle: Pandas module certification for data manipulation in Python | Coursera: The Bits and Bytes of Computer Networking | NPTEL:

Marketing Analytics Course | NPTEL: Cloud Computing Course | MATLAB Onramp Course by MathWorks

PROJECTS

Visual Assistant for Visually Impaired Individuals

Winter 2024

- Built a real-time visual assistant for visually impaired users using computer vision, **NLP**, and speech technologies, enabling hands-free navigation through object recognition, image captioning, and text-to-speech feedback.
- Developed with **Python**, **OpenCV**, **TensorFlow**, Google Cloud Vision and SpeechRecognition, delivering responsive on-device accessibility with low-latency processing.

FestiVIT College Event Management Website

Jan 2025

- Developed a responsive website for managing and booking university cultural and technological events, tailored for both participants and organizers
- Key features include user authentication, event discovery, ticket booking with QR code support, Google Calendar reminders, and organizer-side analytics. **Tech Stack:** HTML, Tailwind CSS, JavaScript, Node.js, Express.js, MongoDB and Firebase Auth.

Metro Saathi for Delhi Metro (Unofficial)

June 2025

- Developed an unofficial Delhi Metro app with **QR ticketing**, **route planning**, fare estimator, live tracking, and group booking.
- Implemented **UPI Autopay**, offline ticket access, crowd levels, AI tour guide, and Google Maps using **Flutter**, **Firebase**, and **REST APIs**.

EXPERIENCE

AI and ML Intern – VIGSIA (Vikaasgarh Foundation), Raipur

June 2025 - Present

- Assisting in AI and Machine Learning solutions as well as designing UI UX.

Social Media Co Lead – Data Science Club, VIT Bhopal

May 2023 - Present

- Co-led the social media team, driving content strategy and event promotion for the club to enhance campus visibility and student participation.

ACHIEVEMENTS & EXTRACURRICULARS

VytoHack Clash 2.0 Hackathon

March, 2025

- Won the **first prize** from **450+ participating teams** for developing an **AI-powered mental wellness platform** featuring real-time emotional analytics, empathetic chatbot support, **AI-generated art therapy**, **mood tracking**, etc.

Smart India Hackathon

September, 2024

- Qualified in the **internal round** for developing an **AI/ML-based solution to identify cryptographic algorithms**, achieving **85–90% accuracy** using deep learning models under the **Blockchain & Cybersecurity** theme.

Music Society

Apeejay School Pitampura, Delhi

- Earned the prestigious Best Singer award in 2022, highlighting dedication to musical excellence and performance skill development.

