

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, SQL, MATLAB

Data: Pandas, Numpy

ML/AI: OpenCV, NLP

Frameworks & Tools: GIT, React.js, Django, MySQL, SQLite3, 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

NoteWise Website

Fall 2023

- Designed and built NoteWise, a full-stack platform for seamless course note sharing with integrated AI-powered academic Q&A and a searchable repository handling 1,000+ notes.
- Implemented role-based access, secure authentication, and a MongoDB-backed system using React.js, Node.js, Express, MongoDB, and Firebase Auth, built for scalability and future deployment.

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.

Metro Saathi for Delhi Metro (Unofficial)

Jan 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.

ACHIEVEMENTS & EXTRACURRICULARS

VytoHack Clash 2.0 Hackathon

March 2025

Won first prize from 450+ teams for AI-powered mental wellness platform with emotional analytics, chatbot support, art therapy, and mood tracking.

Smart India Hackathon

September 2024

Qualified in internal round for AI/ML solution to identify cryptographic algorithms, achieving 85–90% accuracy under Blockchain & Cybersecurity theme.

Music Society, Apeejay School

2022

Earned Best Singer award for musical excellence and performance skills.