

Riya Verma

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EDUCATION

Vellore Institute of Technology, Bhopal
BTech Major in Computer Science Core
Cumulative GPA: 7.89/10

Madhya Pradesh
Expected May 2026

Apeejay School Pitampura
12th Standard Percentage : 80.2%
10th Standard Percentage : 90%

Pitampura, Delhi

SKILLS

Technical Skills: Python, C++, MySQL, HTML, CSS, JavaScript, Django, MATLAB

Non- Technical Skills: UI UX, Figma, Adobe Xd

CERTIFICATIONS

Kaggle: Pandas module certification for data manipulation in Python | Udemy: User Experience Design Essentials – Adobe XD
UI/UX Design | Coursera: The Bits and Bytes of Computer Networking | NPTEL: Marketing Analytics Course | NPTEL: Cloud Computing Course

PROJECTS

NoteWise Website

Fall 2023

- Developed NoteWise, enabling seamless sharing and access to course notes among 4,500+ students and faculty; integrated AI capabilities that addressed inquiries instantly, enhancing user engagement and increasing platform retention rates.
- Built a user-friendly interface with role-based access, secure authentication, and implementing a database to streamline the retrieval of over 1000 notes.
- Enhanced learning accessibility by providing a centralized repository for study materials and 24/7 AI-powered support, improving exam preparation and self-study efficiency.

Visual Assistant for Visually Impaired Individuals

Winter 2024

- Developed a real-time visual assistant using computer vision, NLP, and speech recognition to assist visually impaired individuals.
- Integrated object recognition, image captioning, and text-to-speech conversion for hands-free navigation and accessibility.
- Leveraged AI models and cloud services for real-time processing, improving user independence and engagement.

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.

ACHIEVEMENTS

VytoHack Clash 2.0 Hackathon

- 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, and secure, personalized mental health interventions.

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
Committee Member

Apeejay School Pitampura, Delhi

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