

# Riya Verma

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## SKILLS

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- **Languages:** Python, C++, HTML5, JavaScript, CSS3, MATLAB
- **Databases:** MySQL, SQLite3, MongoDB
- **Frameworks & Tools:** GIT, React.js, Django, REST APIs, TypeScript, Vite, Tailwind CSS, ESLint

## EDUCATION

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**Bachelor of Technology, Computer Science and Engineering**

Expected May 2026

Vellore Institute of Technology (VIT), Bhopal, Madhya Pradesh

CGPA: 7.8/10

## PROJECTS

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**Gvni: Bridging the Digital Divide with QR**

July 2025

- Developed a "people-first" health assistant for India, addressing incomplete medical data and accessibility challenges for both tech-savvy and underserved populations . The solution utilizes QR codes for offline access to verified health histories and integrates with national initiatives like ABHA, aiming to revolutionize healthcare access across India .
- **Tech Stack:** TypeScript, Vite, Tailwind CSS, ESLint and ABHA APIs .

**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 .

**Hamari Metro 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

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**AI and ML Intern**

June 2025 - Present

*VIGSIA (Vikaasgarh Foundation), Raipur —*

- Gained practical experience in applying AI and Machine Learning concepts to real-world challenges, while also supporting initiatives through graphic design .

**Social Media Co Lead**

May 2023 - June 2025

*Data Science Club, VIT Bhopal —*

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

## ACHIEVEMENTS & EXTRACURRICULARS

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**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 .