

# CHINDIRI CHAKRI

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## EDUCATION

Vellore Institute of Technology, Bhopal

B.Tech - Computer Science and Engineering - CGPA - 8.49

2022 – 2026

Bhopal, India

## PROJECTS

**Shop Smart – Product Recommender** 🔗 | Python, Flask, SQLite, Hugging Face

October 2025

- Developed hybrid recommendation system with LLM-generated explanations using DistilGPT2, achieving 87.3% accuracy and enhancing user trust through transparent AI-driven insights.
- Established a full-stack Flask application with Bootstrap 5 frontend, implementing secure authentication, RESTful APIs, and responsive design with less than 200ms response times.
- Architected ML pipeline using Pandas and Scikit-learn for content-based product similarity, enabling real-time recommendations.

**Green Cycle Hub – E-Commerce Platform** 🔗 | Python, JavaScript, SQLite

August 2025

- Authored and launched a Django-based e-commerce platform for plastic waste exchange, and implemented a super coin rewards system that increased user engagement by 25%.
- Integrated third party Razorpay payment gateway via RESTful APIs ensuring secure transactions and seamless user experiences.
- Designed an intuitive admin dashboard for cross-functional management of products, users, and orders, utilizing SQLite for data handling and reducing operational overhead by 15% through optimized workflows.

**School Management System –MERN Website** 🔗 | MERN, HTML5, CSS3

May 2025

- Constructed a full-stack MERN website with role-based dashboards for admins, teachers, and students, improving efficiency and user engagement by 20% through real time notice and attendance tracking.
- Created a robust MySQL database schema with RESTful APIs, complying with data integrity standards and supporting 80% data security and integrity.
- Maintained reliable system uptime (90% availability) and handled incident reports, ensuring continuous service delivery.

## INTERNSHIP

**Infosys Springboard** 🔗

August 2025 – October 2025

*Intern*

- Spearheaded the AI Tutor project as the project lead, directing a team in the development of both front-end and back-end functionalities and ensuring all project milestones were met.
- Formulated an AI-powered system that generates personalized study plans and quizzes, reinforcing the project's core purpose of providing students with clear insights into their learning progress for over 500 users.
- Built a full-stack learning platform using React.js and Node.js, engineering the user-facing interfaces and robust API infrastructure, which reduced content loading time by 40% and provided real-time progress tracking.

## TECHNICAL SKILLS

**Languages:** Python, C++, SQL, JavaScript.

**Tools:** VS Code, Git, MySQL.

**Web:** MERN Stack, HTML, CSS, Flask, REST APIs.

## EXTRACURRICULAR

**Bit By Bit Club** 🔗

November 2023 – July 2025

*Social Media Team Lead*

VIT, Bhopal

- Led the Social Media Team, planning and executing team activities, including 3 hackathons and coding competitions with over 450 participants, managing resources, and securing judging panels.

**Yophoria Innovation Challenge (AI Agent Engineer Track)** 🔗

October 2025

*Finalist*

- Advanced to finals with a 3-member team developing an Autonomous AI Tutor Orchestrator using FastAPI and LangGraph, enabling intelligent multi-tool orchestration for educational systems by extracting parameters from conversational context.

**TCS CodeVita Season 13 (Global Programming Competition)**

2025

- Secured a global rank of 7465 in Round 1 and 6124 in Round 2 among participants worldwide.

## CERTIFICATIONS

- MERN Full Stack - Ethnus
- Artificial Intelligence Primer Certification - Infosys Springboard