

Aviral Tiwari

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EDUCATION

Shri Vaishnav Vidyapeeth Vishwavidyalaya

B.Tech in Computer Science and Engineering

– CGPA: 8.07

Indore, India

Aug 2022 – Jun 2026

EXPERIENCE

Hackathon Finalists - Execute 2025

Mar 2025

Frontend Developer, UI/UX Design — NMIMS Indore

Indore, India

- Developed the frontend using React.js, implementing a responsive and intuitive UI for an AI-powered sustainability platform.
- Integrated Gemini API to generate AI-driven insights, collaborating with backend developers to ensure smooth data flow.
- Integrated AI models with FastAPI, enabling real-time sustainability recommendations.
- Worked closely with a team of four, ensuring seamless integration of AI insights into workflow.

PROJECTS

Roommate Finder Platform | *MERN Stack*

- Developed a web app to help users list and find available rooms using React and MongoDB.
- Designed RESTful APIs with Express.js and Node.js, ensuring efficient data retrieval.
- Integrated authentication and user data management, improving security and user experience.

Employee Manager App | *React, Node.js, MongoDB*

- Built a full-stack employee management system with CRUD operations and role-based access control.
- Integrated form validation and authentication to enhance security and data integrity.

CERTIFICATIONS & ACHIEVEMENTS

- Qualified GATE CSE 2025 with AIR 2540 (Score: 627).
- NPTEL - Programming in Modern C++ (IIT Kharagpur).
- NPTEL - Database Management Systems (IIT Kharagpur) - Top 5%.
- NPTEL - Cloud Computing with Distributed Systems (IIT Kanpur) - Top 5%.
- Solved 300+ problems on Leetcode (Data Structures & Algorithms).

TECHNICAL SKILLS

Languages: C, C++, Java, JavaScript, Python, SQL

Technologies: React.js, MongoDB, PostgreSQL, ExpressJS, RESTful APIs, FastAPI, Django, AI/ML

Tools: Git, GitHub, Postman, VS Code, Android Studio

POSITIONS OF RESPONSIBILITY

Head of Media & Technical Head — Ameya E-Sports Club

Jul 2024 – Jul 2025

Marketing, Management, Sponsorships, Editing, Graphics Design

- Worked as Video Editor and Graphics Designer.
- Managed recruitment and sponsorships.
- Handled technical operations of the club.