

AMAN PATRE

Jabalpur, Madhya Pradesh | amanpatre25@gmail.com | 9685468332 | [LinkedIn](#) | [GitHub](#)

SUMMARY

Computer Science student at VIT Bhopal with hands-on experience in the **MERN stack**. Passionate about building user-focused applications and exploring real-world problem-solving through technology. I've contributed to **open-source** projects and participated in **hackathons**, and I'm currently diving into **machine learning** to broaden my skill set and explore its practical applications.

EDUCATION

VIT Bhopal University

Sehore, Madhya Pradesh | **2023 – Present**

B.Tech, Computer Science and Engineering

- **Current CGPA: 8.69**

St. Aloysius Sr. Sec. School

Jabalpur, Madhya Pradesh | **2011-2023**

- **12th Percentage: 84%**

SKILLS

Web Development:	MERN Stack (MongoDB, ExpressJS, ReactJS, NodeJS), HTML, CSS, JavaScript, Tailwind CSS, Bootstrap
Programming Languages:	C++, Java, Python, JavaScript
Tools & Technologies:	Git, GitHub, Postman, JWT, MongoDB Atlas, Docker(basic), Render, Multer

PROJECTS

FoodIn – Food Delivery Website (MERN STACK) ([LINK](#))

- Developed a full-stack food delivery platform allowing users to browse menus, place orders, and simulate payments via Stripe.
- Built an **admin panel** for managing menu items, tracking orders, and updating order statuses.
- Implemented **JWT-based authentication** and **password encryption** with bcrypt for **secure** user login.
- Handled menu image uploads using **Multer** with seamless integration into the menu management system.
- Technologies: **ReactJS, NodeJS, ExpressJS, MongoDB**, Tailwind CSS, JavaScript, Multer, Stripe, bcrypt, JWT

Schedulo – Time Table Manager (MERN STACK) ([LINK](#))

- Built a full-stack time table manager to store and retrieve exam time table details.
- Applied **CRUD** operations for easy management of stored entries.
- Technologies: ReactJS, NodeJS, ExpressJS, MongoDB, Tailwind CSS, JavaScript

EXPERIENCE

Intern – Digistall (May 2025 – Present)

- Resolved critical frontend **website issues**, improving user experience.

Core Member – AI Club Web Team, VIT Bhopal (November 2024 – Present)

- Collaborated with team members to develop responsive club webpages and implement **event features**.

GSSoC (GirlScript Summer of Code) Contributor (2024)

- Fixed issues, added new features, and improved documentation in **open-source** projects.

ACHIEVEMENTS

3rd Place Winner in College Hackathon - Organized by a college club, developed a **UI/UX-based web page** using HTML, CSS and JavaScript showcasing the history, impacts, and milestones of the Mozilla Firefox browser.

Top 20 Finalist out of 700+ Teams – CodeForge'25 Hackathon - Our project “**Dynamic Route Rationalisation using Machine Learning and SUMO**” was selected for the Grand Finale held at the **Microsoft Office, Gurugram, Haryana**. We developed a system that predicts congestion using **LSTM** models and dynamically **re-routes vehicles with A* algorithm**, simulated in **SUMO**. This project showcased real-time decision-making in urban mobility and was praised for its innovation and real-world applicability.