

# ADITYA VERMA

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## EDUCATION

VIT Bhopal University

B.Tech - Computer Science and Engineering

Aug 2021 – Aug 2025

Bhopal, Madhya Pradesh

## COURSEWORK / SKILLS

- Data Structures & Algorithms
- Networking
- MERN Stack
- Web Development
- Operating Systems
- Database Management System (DBMS)
- OOPS Concept
- Version Control

## PROJECTS

**Quixxo - Travel Guide** | [React JS, Node JS, Mongo DB, Express, Tailwind CSS](#)

Feb 2024

- Designed and developed **Quixxo**, a dynamic travel guide application leveraging the **MERN stack** (**MongoDB**, **Express.js**, **React.js**, **Node.js**) to deliver interactive and user-friendly experiences.
- Implemented responsive and aesthetic **UI components** using **Tailwind CSS**, optimizing cross-platform accessibility and enhancing user engagement.
- Engineered **RESTful APIs** for seamless data retrieval and integrated a **MongoDB database** to ensure efficient **data management** and **scalability**.

**AI Trip Planner** | [React JS, Gemini AI, Firebase, Tailwind CSS](#)

Jan 2025

- Developed an **AI Trip Planner** application utilizing **React.js** with advanced **React Routing** to create a seamless user navigation experience, including a responsive **Landing Page** and intuitive Trip Basic Info Form.
- Integrated **Gemini AI** for dynamic trip generation, enabling users to **Generate Trips From AI** based on preferences, and incorporated **Google Authentication** for secure login.
- Leveraged **Firebase** for real-time database management to **Save Trip in DB**, maintain **Users' Trip History**, and enable users to View **Trip Details** with photo previews powered by the **Google Photo API**.
- Designed an engaging interface with **Tailwind CSS**, implemented a dynamic **Header Update** system, and deployed the application to production for accessible trip planning.

## INTERNSHIP

**Internship Studio** | [🔗](#)

Jul 2024 – Nov 2024

*Full Stack Website Design and Development*

*Remote*

- Acquired proficiency in full-stack development using **HTML**, **CSS**, **JavaScript**, **Bootstrap**, **React**, and **Node.js** to build scalable and user-centric web applications.
- Successfully developed and deployed an **Online Shopping Website**, integrating responsive front-end interfaces with robust back-end functionalities.
- Engineered **RESTful APIs** and implemented secure user authentication to enhance data integrity and user experience.
- Gained expertise in **database management** and **CRUD operations**, optimizing data flow and application performance in a production environment.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, SQL, NoSQL, Typescript, PHP

**Developer Tools:** VS Code, IntelliJ Idea Ultimate, Postman, Figma, PyCharm, Eclipse

**Technologies/Frameworks:** Linux, GitHub, ReactJS, NextJS, NodeJS, ExpressJS, Git, MongoDB, Three.js

## EXTRACURRICULAR

- Member of Bit by Bit Coding Block Club - **VIT Bhopal**
- Event Management Head Coding Block Club - **VIT Bhopal**

## CERTIFICATIONS

- Cloud Digital Leader - Google Cloud
- The Bits and Bytes of Computer Networking - Google
- Learn Ethical Hacking From Scratch - Udemy
- Java - HackerRank
- Python Programming - Coursera
- Cloud Computing - NPTEL