

Vatsal Arora

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Github | LinkedIn | Leetcode

EDUCATION

VIT Bhopal University

Bachelor of Technology

Major in Computer Science and Engineering

Specialization in Health Informatics

Cumulative GPA: **8.80**

Sehore, Madhya Pradesh, IN.

Aug 2022 – May 2026

Apeejay School, Panchsheel Park

12th Standard-CBSE:-**87.2%**

10th Standard-CBSE:-**91.8%**

Delhi, IN

TECHNOLOGIES AND TOOLS

- **Languages:** C++, JavaScript,Sql.
- **Front-end:** HTML/CSS,EJS.
- **Back-end:** Node.js, Express.js,Cloudinary,Multer,Passport.
- **Databases:** MongoDB, Relational Databases (MySQL) .
- **DevOps:** Git, GitHub.

CERTIFICATIONS

- **MongoDB Associate Database Administrator,FACE Prep**
- **Introduction to C++,Simplilearn - Skillup**

PROJECTS

NewsMania

Full Stack News Aggregator

- Developed a full-stack web application that fetches real-time news headlines from major Indian sources like The Hindu, Hindustan Times, and Times of India using web scraping via Cheerio and Axios.
- Implemented a **Notepad** feature with full **CRUD operations** using **MongoDB**, allowing users to take, view, and delete notes on the same page.
- Enabled **search functionality** to filter headlines and **dark mode toggle** for better accessibility.
- Ensured responsive UI with a clean grid layout and user-friendly interactions using JavaScript and CSS.
- Stack: *Node.js, Express.js, MongoDB, Cheerio, Axios, HTML/CSS, JavaScript.*

TravelMate

Smart Travel Planning Platform

- Designed and deployed a responsive travel companion app that helps users discover destinations, manage itineraries, and explore personalized recommendations.
- Integrated secure authentication and interactive dashboards to enhance user experience and trip planning.
- Integrated Cloudinary for media uploads and Mapbox for maps/places; built REST endpoints for itineraries, favorites, and reviews.
- Stack: *EJS, Bootstrap CSS, Node.js, Express.js, MongoDB, REST APIs, Cloudinary, MapBox, Multer, Passport*

EXTRACURRICULARS

- Solved 300+ DSA problems across various platforms
- Finalist at HackFinance – IIITD Fintech Hackathon (Student Division).
- Top 5 placement in MERN Hackathon, hosted by VIT Bhopal University..
- Successfully organized a small-scale Inauguration event, fostering hands-on learning and collaboration within the club, providing members with a practical understanding of statistics concepts and applications.