

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: **8.77**

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, HTML, Css, Sql.
- **Front-end:** ReactJS, Tailwind CSS.
- **Back-end:** Node.js, Express.js.
- **Databases:** MongoDB, Relational Databases (PostgreSQL, MySQL) .
- **DevOps:** Docker, Git, GitHub.

CERTIFICATIONS

- **MongoDB Associate Database Administrator,FACE Prep**
- **Cyber Security Analyst,IBM**
- **Introduction to C++,Simplilearn - Skillup**

PROJECTS

Yap Box

[GitHub Repo](#)

Chatting website

- Built a real-time anonymous chat application enabling users to send and receive instant messages in dynamically created chat rooms.
- Integrated Socket.io for low-latency bi-directional communication, allowing seamless real-time messaging.
- Used MongoDB and Mongoose to manage user sessions and persist chat room metadata.
- Tools: *Node.js, Express.js, Socket.io, MongoDB, EJS, Bootstrap, JavaScript*

NewsMania

[GitHub Repo](#)

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 vanilla JavaScript and CSS.
- Stack: *Node.js, Express.js, MongoDB, Cheerio, Axios, HTML/CSS, JavaScript.*

EXTRACURRICULARS

- Solved 250+ 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.