

Vatsal Arora

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Motivated and detail-oriented software engineering student seeking a challenging internship position where I can apply my programming skills to real-world projects and learn from experienced developers. Proficient in various programming languages and tools, with experience in web development and a strong understanding of data structures and algorithms.

Skills

Languages: C++, Java, Python, HTML, CSS

Tools: SQL, MATLAB

Education

VIT Bhopal University (Expected May 2026)	Bhopal, Madhya Pradesh
B Tech Major in Computer Science and Engineering (specialization in Health Informatics)	CGPA/Percentage 8.71
Apeejay School,Panchsheel Park (May 2022)	
12 th Standard-CBSE	87.2%
Apeejay School,Panchsheel Park (April 2020)	
10 th Standard-CBSE	91.8%

Projects

YapBox – Real-time Communication Platform:

Jan 2024 – Mar 2024

- Built a full-stack chat application with real-time messaging using WebSockets.
- Developed frontend using JavaScript for a responsive and interactive user interface.
- Designed backend with Node.js and Express, including RESTful APIs for chat and user management.
- Implemented JWT authentication for secure login and session handling.
- Used MongoDB for efficient message and user data storage..
- Added features like user presence, chat history, and dynamic room handling.

Achievements

- Solved 250+ questions of Data Structures and Algorithms on various platforms.

Notable Certifications(10+)

[Bits And Bytes of Computer Networking](#)

[Introduction to C++](#)

Extracurricular

- Robotics
- Playing Cricket