

# Dev Arora

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## Education

**VIT Bhopal University**, Madhya Pradesh  
B.Tech in Computer Science, Expected May 2026  
Cumulative GPA: 8.35 / 10

**Greenway Modern School**, Dilshad Garden, Delhi  
CBSE (12th): 86%, July 2021  
CBSE (10th): 94%, July 2019

## Projects

### Hostel Management System

*Aug 2023 – Nov 2023*

- Contributed to the development of a web-based Hostel Management System to streamline student records, room allocations, and fee management.
- Led frontend development, designing responsive and intuitive user interfaces that improved usability for over 100 students and 10 administrators.
- Technologies used:** HTML5, CSS3, JavaScript, PHP, MySQL

### GradeUp

*Feb 2024 – Apr 2024*

- Collaborated with a team of five to design and implement a machine learning-driven academic support platform that delivers personalized study schedules.
- Led frontend development to design and implement an interactive, responsive user interface that improved user engagement by 25%.
- Focused on optimizing student learning patterns using predictive analytics, achieving an overall model accuracy of 0.89.
- Technologies used:** HTML5, CSS3, JavaScript, PHP, MySQL

### Finance and Expense Tracker

*Oct 2024 – Apr 2025*

- Worked collaboratively in an 8-member team to develop a web-based personal finance tracking system, enabling efficient monitoring and management of expenses.
- Led the backend architecture overhaul by integrating efficient RESTful APIs; increased application scalability by 30%, enabling seamless user growth and supporting simultaneous requests from 5,000+ users without performance degradation.
- Implemented secure data handling and optimized transaction processing in Express.js and MongoDB, improving data integrity and reducing processing time by 30%.
- Partnered with a frontend team of 4 to seamlessly integrate backend services into a React-based interface, enhancing application performance and user experience for over 150 active users.
- Technologies used:** Node.js, Express.js, MongoDB, React.js, JavaScript, HTML5, CSS3

## Activities

### Microsoft Technical Club (VIT Bhopal)

Volunteered an event in Annual Fest (AdVITya' 2023) i.e. Code Garuda.

### Nature and Trekking Club (VIT Bhopal)

Event Management Team (July 2023 – Feb 2024): Managed 2 successful events and enhanced engagement.

## Skills

**Technical:** C++, HTML5, CSS3, JavaScript, Node.js, Express.js, Embedded JavaScript, RESTful API, Git, GitHub. Solved 150+ DSA problems on GFG and LeetCode.

**Soft:** Communication, customer service, social work.

**Languages:** Hindi, English (fluent).

## Certifications

- Simulink and Matlab Onramp (Sept 2022)
- Computer Networking - Coursera (Dec 2023)
- SIH'2023 Internal Round Finalist
- Cloud Computing – IIT Kharagpur (Elite, May 2024)
- Marketing Analytics – IIT Kharagpur (Elite, May 2025)