

Harsh Vats

+91-6397787033 | hvats2244@gmail.com | [Github](#) | [linkedin](#)

A creative and passionate BTech Computer Science student with a strong foundation in web development, Java, and MySQL. Driven by curiosity and a desire to innovate, I enjoy leveraging my technical expertise to develop solutions within the realm of existing technology. Skilled in problem-solving, analyzing and resolving issues, and crafting efficient algorithms, I thrive on tackling real-world challenges through programming. Always eager to explore new ideas, adapt to emerging technologies, and contribute to dynamic, innovative projects.

EDUCATION

- **Bachelor of Technology (B.Tech) in Computer Science**
Dr APJ Abdul Kalam technical university, lucknow
Aug 2021 – 2025
 - **Senior Secondary (XII), UP – Sarswati Vidhya Mandir School**
Saharanpur | 2020-2021
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SKILLS

- **Programming Languages:** Java (Strong understanding of Object-Oriented Programming, Data Structures, and Algorithms), JavaScript (Frontend & Backend development).
 - **Backend Development:** Experienced in building RESTful APIs using Node.js and Express.js, implementing authentication, and handling middleware.
 - **Databases:** Proficient in MySQL (SQL queries, indexing, and optimization) and MongoDB (NoSQL database design, aggregation, and schema modeling).
 - **Web Development:** Experienced in building dynamic and responsive web applications using modern front-end and back-end technologies.
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EXPERIENCE

Internship | Web Development Intern

Innobyte | [Jul, 2024] – [Aug, 2024]

- Developed a responsive web page using HTML, CSS and JS, ensuring mobile-friendly design and cross-browser compatibility.
 - Gained hands-on experience in front-end development and best coding practices.
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PROJECT

- **Weather App** : A Weather App built using HTML, CSS, and JavaScript provides real-time weather updates with a user-friendly interface. This app delivers a seamless user experience by combining functionality, aesthetics, and interactivity.
- **Rental House Web App** (Full-Stack Project using MVC framework)
Tech Stack: Node.js, Express.js, MongoDB, HTML, CSS, JavaScript, Bootstrap
Developed a responsive house rental platform with a backend powered by **Express.js**.
Used **MongoDB** for data storage and implemented **middleware** for error handling.
Designed the UI with **Bootstrap**, ensuring cross-device compatibility.
The application is deployed on **Render**, and the database is hosted on **MongoDb Atlas**.
Live Demo : <https://airbnb-clone-vz1z.onrender.com/listings>