

# Vanshul Agarwal

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## Summary

Dedicated and enthusiastic Bachelor of Technology student with a passion for technology and a relentless drive for learning. Proficient in a diverse range of programming languages including C++, Python, Java, and JavaScript. Eagerly contributing to dynamic projects while embracing new challenges and opportunities for growth, depicting dedication and teamwork.

## Projects

- VASHOP – Ecommerce Platform** | GitHub: Client, Server | *MERN* [vashop.onrender.com/](https://vashop.onrender.com/)
- Developed a feature-rich MERN stack ecommerce website with user-friendly interface using React
  - Robust Express.js backend, and also a dynamic review system with user authentication and authorisation
  - Implemented User Authentication with JSON Web Tokens (JWT). Implemented Search functionality on products. Seamless Cart management using Redux Toolkit.
- ListKeeper** | GitHub | *Node, Express, MongoDB* [listkeeper.onrender.com/](https://listkeeper.onrender.com/)
- A full stack web application where users can register and list their tasks in a grouped manner under their account with an attractive UI.
  - Made a fully secure website, safe from vulnerabilities such as Mongo Injection, Cross Site Scripting.
  - Utilised Express.js to create a RESTful API, MongoDB for data storage, Bcrypt for password hashing
- YelpCamp** | GitHub | *Node, Express, MongoDB* [yelp-camp-697v.onrender.com/](https://yelp-camp-697v.onrender.com/)
- A full stack web application where users can list and review campgrounds all over the world, made using Node.js, Express.js, MongoDB, Bootstrap 5
  - Passport.js was used for authentication and MapBox API for rendering maps.
- Starbucks Frontend Clone** | *HTML, CSS, JS* [github.com/vanshulagarwal/Starbucks-frontend-clone](https://github.com/vanshulagarwal/Starbucks-frontend-clone)
- A fully responsive frontend clone of the Starbucks website. Made using pure HTML, CSS, JavaScript
- ZillaHunter** | *HTML, CSS, JS* [github.com/vanshulagarwal/ZillaHunter](https://github.com/vanshulagarwal/ZillaHunter)
- A frontend clone of zillow.com made using pure HTML, CSS

## Experience

- HackCBS 6.0** **November 2023**  
Secured 2nd place in a TON Foundation hackathon side challenge on NFT minting, and also participated in the TON onboarding challenge, showcasing commitment to innovation, continuous learning, and effective teamwork.
- IEEE Volunteer** **July 2023 – Present**  
Volunteered as a mentor for IEEE Student Branch IIIT's TechBlocks 9.1 event, actively contributing to the education and skill development of participants

## Education

- |                                                               |                          |
|---------------------------------------------------------------|--------------------------|
| <b>Bachelor of Technology in Computer Science (CGPA: 8.9)</b> | <b>Expected May 2026</b> |
| <i>Jaypee Institute of Information Technology</i>             | <i>Noida, U.P.</i>       |
| <b>12th – CBSE (94.8%)</b>                                    | <b>2021-2022</b>         |
| <i>RNS World School</i>                                       | <i>Jhansi, U.P.</i>      |
| <b>10th – ICSE (92%)</b>                                      | <b>2019-2020</b>         |
| <i>Christ the King College</i>                                | <i>Jhansi, U.P.</i>      |

## Technical Skills

**Languages:** Python, Java, Javascript, C++, C, SQL  
**Technologies:** React.js, Redux Toolkit, Express.js, MongoDB, Bootstrap, Node.js, HTML, CSS, Javascript, VCS, Git, Bootstrap, Material UI