

# SAURABH VERMA

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## Education

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<b>National Institute of Technology Jamshedpur</b> (MCA) Master of Computer Application   CGPA: 7.31	Jamshedpur, JH, India 2022-2025
<b>Jagran Institute of Arts, Science and Commerce</b> (BCA) Bachelor of Computer Application	Kanpur, UP, India 2018-2021
<b>Mary Jesus Education Center</b> Senior Secondary	Kanpur, UP, India 2016- 2017

## Skills

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- **Programming:** C, C++, Java
- **Web Technologies:** React.js, Next.js, Redux Toolkit, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO, Blockchain
- **Tools :** VS Code, Git/GitHub, Postman, Figma
- **Coursework:** DBMS, OOPS, Data Structures and Algorithms, SQL

## Projects

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**Sketch.IO** | React.js, Express.js, Node.js, Tailwind CSS, MongoDB, Socket.io, Feb 2024 - Apr 2024  
Link :

- Engineered a highly interactive, real-time multi-user drawing and guessing game using the MERN stack and Socket.IO, capable of supporting up to **10 concurrent users per room**.
- Integrated seamless real-time chat-support for enhanced user interaction.
- Developed a responsive and interactive drawing canvas, optimizing server performance for low latency and 95% uptime.

**ChainVault** | MERN, Solidity, Ethereum Blockchain, IPFS, Ether.js, MetaMask Oct 2023 - Jan 2024  
Link : <https://chain-vault-five.vercel.app>

- A full-stack blockchain Application for institutes, issuing certificates to 10,000+ students, securely stored on IPFS.
- Streamlined government approvals for 500+ courses, ensuring accreditation efficiency.
- Engineered intuitive verification, reducing processing time by 50% for institutes and government entities.

**UrbanFlow Ecommerce (Frontend)** | React.js, Tailwind CSS Sept 2023  
Link : <https://urban-flow.vercel.app/>

- Emphasizing the customization and tailored experience offered to users, enhancing engagement and satisfaction.
- Optimized frontend performance, reducing page load times by 40% and boosting overall site speed by 50%.

## Achievements

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- Solved **250+** DSA questions on different coding platforms [LeetCode](#), [GeeksForGeeks](#).
- Participated in **Smart India Hackathon**, Achieved the **top 5** ranking out of 30+ participant teams in the internal hackathon.

## Interests

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- **Blockchain**
- **Web3**