

SAURABH VERMA

Software Engineer | Full-Stack Developer

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Website: [Portfolio](#)

[Linkedin](#)

[Github](#)

Education

National Institute of Technology, Jamshedpur (MCA)

Master of Computer Application | CGPA: 7.1

Jamshedpur, JH, India

2022-2025

Jagran Institute of Arts, Science and Commerce (BCA)

Bachelor of Computer Application

Kanpur, UP, India

2018-2021

Mary Jesus Education Center

Senior Secondary

Kanpur, UP, India

2016- 2017

Skills

- **Programming Languages** : C, C++, JavaScript
- **Web Technologies** : React.js, Next.js, Tailwind CSS, Node.js, Express.js, MongoDB, PostgreSQL, Socket.io
- **Tools** : Kafka, Redis, Git/GitHub, Postman, Figma
- **Coursework** : DBMS, Object-Oriented Programming (OOP), Data Structures and Algorithms (DSA), SQL

Projects

ChainVault | MERN, Tailwind CSS, Solidity, Blockchain, IPFS

Link : [ChainVault](#)

- Built a Full-stack Blockchain application for Institutes handling 1000+ student certificates, reducing verification time by 50%.
- Streamlined government approvals for 500+ courses, enhancing accreditation efficiency.
- Engineered intuitive verification, cutting processing time by 40% for institutes and government entities.

Incognito Chat App | Next.js, Kafka, Redis, PostgreSQL, Socket.IO, Tailwind CSS

Link: [Incognito Chat](#)

- Engineered a scalable Incognito chat app with secure, real-time messaging for over 500+ concurrent users.
- Leveraged Next.js, Socket.io, Kafka for efficient, low latency communication and message streaming.
- Implemented Redis and PostgreSQL, achieving 30% **faster data retrieval**, styled with responsive Tailwind CSS.

Sketch.IO | React.js, Express.js, Node.js, MongoDB, Socket.io

Link : [Sketch.IO](#)

- Engineered a real-time, interactive **multi-user drawing and guessing game** using MERN stack and WebSockets.
- Enabled seamless collaboration for up-to 8 concurrent users per game session.
- Implemented **real-time chat & automated score tracking**, enhancing gameplay experience.

Achievements

- Solved 250+ problems on different coding platforms like [LeetCode](#) and [GeeksForGeeks](#), demonstrating strong problem solving skills.
- Achieved 5-star in C++ and Problem Solving on [HackerRank](#), showcasing algorithmic expertise.
- Participated in **Smart India Hackathon** achieved the **top 3** ranking out of 30+ participant teams in the Internal Hackathon. ([certificate](#))

Extra-curricular

Event Leadership & Volunteering

Summer 2023

- Led participation support and event coordination for 100+ attendees at OJASS Web Event.

Badminton Team, URJA Annual Sports Fest

Summer 2023

- Participated in a badminton tournament, and our team secured 2nd place among 8 competing teams.