

HARSH SRIVASTAVA

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Education

Pranveer Singh Institute of Technology, PSIT Kanpur

B.Tech in Computer Science and Engineering

2022 - 2026

7/10 CGPA

Dr. Virendra Swarup Public School, Kanpur

ICSE Class X and ISC Class XII

2019 - 2021

92% and 90%

Projects

Digital Mart: E-commerce Platform

[Github Link](#)

- **Next.js** | **MongoDB** | **Node.js** | **Shadcn UI** | **Stripe** | **tRPC** | **Zustand**
- Built a **scalable E-commerce platform** with **real-time cart updates**, Stripe payments, and optimized checkout, increasing **conversion rates by 40%**.
- Developed an **admin panel** for seamless user and product management, **reducing operational overhead by 60%**.
- **Enhanced UI/UX** with ShadCN and Zustand, improving load times by **35%** and **boosting retention by 50%**.

ChessVerse: Real-time Online Chess Platform

[Github Link](#)

- **React.js** | **Node.js** | **Express.js** | **WebSockets** | **Chess.js** | **Tailwind CSS**
- Built a real-time **online chess platform** using WebSockets, enabling **seamless multiplayer gameplay** with **instant move synchronization**.
- Integrated **Chess.js** for **game logic and validation**, ensuring **accurate rule enforcement** and preventing illegal moves.
- **Optimized UI/UX with Tailwind CSS**, improving **user engagement and accessibility**.

ChatSphere: Real-time Chatting Platform

[Github Link](#)

- **Tailwind CSS** | **React.JS** | **Node.js** | **Express.js** | **MongoDB** | **Socket.io** | **RESTful API**
- Developed a secure MERN-stack chat application with **real-time messaging** for **one-on-one chat**, using Socket.io, **enhancing communication efficiency** and **user satisfaction by 80%**.
- Ensured **100% data integrity** with **Bcrypt** for password encryption and **JWT** for secure sessions, protecting user privacy.
- **Enhanced UI/UX with Tailwind CSS** for real-time feedback, improving overall **user satisfaction by 40%**.

Technical Skills

Languages: C/C++, Python, Java, JavaScript, TypeScript

Backend: Node.js, Express.js, MongoDB, Prisma, RESTful APIs, tRPC, Zustand, Recoil, MySQL

Technologies/Frameworks: Next.js, React.js, Node.js, Express.js, Prisma, MongoDB, Shadcn, Tailwind CSS, Socket.io, Material UI

Developer Tools: Git, GitHub, Postman, VS Code, Docker, Selenium WebDriver

Python Libraries: NumPy, Matplotlib, Pandas

Achievements

- Earned a **5-Star** rating for Problem Solving on **HackerRank**.
- Solved over **150+** coding challenges on HackerRank and LeetCode
- Made **10+** Personal Projects in Web Development (Frontend +Backend) using Different Web Technologies.