Harsh Srivastava

Kanpur, Uttar Pradesh

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Education

Pranveer Singh Institute of Technology, PSIT Kanpur   **2022 - 2026**
B.Tech in Computer Science and Engineering   *7/10 CGPA*

Dr. Virendra Swarup Public School, Kanpur   **2019 - 2021**
ICSE Class X & ISC Class XII   *92% and 90%*

Projects

Digital Mart: E-commerce Platform   Github Link

- **Next.js | MongoDB | Payload | Node.js | Shadcn UI | stripe | tRPC | zustand**
- Engineered a **feature-rich E-commerce platform** with secure authentication, a Real-time shopping cart, and payment gateway, **boosting user engagement by 85%**.
- Developed a **robust admin panel** using **Payload CMS** for efficient user and item management, enhancing operational efficiency.
- **Improved performance and responsiveness by 35%** using **Zustand** for global state management.
- **Enhanced UI/UX** with **Shadcn**, **React Icons**, and integrated **Toast** for better notifications.

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%**.

Twitter: Social Network   GitHub Link

- **ReactJS | Tailwind CSS | Google Firebase | Node.js | Express.js**
- Built a sleek and intuitive UI using **Tailwind CSS**, providing a seamless user experience for account creation, **login, and post management**.
- Integrated **Google Firebase** for secure user authentication, enabling users to create accounts, log in, and manage their profiles, including an edit profile section.
- Implemented functionality for users to post content and view all their posts on their profile, ensuring smooth interaction and content visibility.
- **Optimized backend efficiency** using Node.js/Express.js, enhancing data flow and system performance for user actions like posting and profile updates.

Technical Skills

Languages: C/C++, Python, Java, Javascript, Typescript
Backend: Node.js, Express.js, MongoDB, Payload, RESTful APIs, tRPC, Zustand, Recoil, MySQL
Technologies/Frameworks: Next.js, React.JS, Node.JS, Express.JS, Payload, MongoDB, Shadcn, Tailwind CSS, Socket.io
Python Libraries: pandas, NumPy, Matplotlib, Seaborn, Plotly

Certifications

- I have successfully completed the **Next.js 14 and React** course on Udemy
- I have successfully completed **Python and Javascript** course on Infosys Springboard.
- Made **10+** Personal Projects in Web Development (Frontend +Backend) using Different Web Technologies.