Sanchit Thakur

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TECHNICAL SKILLS

Programming Languages :- JavaScript, TypeScript, ES6+, C++.
Frontend Stack- React.js, Material UI, Redux-toolkit, Hooks, Tailwind CSS, ShadCn.
Backend Stack - Express JS, Node JS, Git, MongoDB, MYSQL.
College Coursework - Computer Networks, NO SQL Databases.

EXPERIENCE

Full Stack Developer Intern (July 2024 - September 2024)   **DeftSoft Private Ltd, Mohali**

- During my MERN Stack internship, I gained hands-on experience in web development using key technologies including JavaScript, React.js, Tailwind CSS, Node.js, Express.js, MongoDB,
- On the frontend, I used React.js to build dynamic interfaces, manage state, handle routing, and integrate third-party libraries for an enhanced user experience. I also utilized Tailwind CSS for efficient, responsive, and modern designs.
- On the backend, I developed RESTful APIs using Node.js and Express.js, handling server-side logic and middleware efficiently. I integrated MongoDB to implement CRUD operations, ensuring smooth data management and retrieval.

Frontend Developer (Feburary 2025 - Present)   **XByte Solutions, Gurdaspur**

- Developed and maintained responsive, high-performance web applications using **ReactJS**, **Redux Toolkit**, and **Tailwind CSS**.
- Optimized performance through code-splitting and lazy loading, reducing page load time by **35%**.
- Collaborated with backend teams to integrate **RESTful APIs**, enhancing data flow and reducing latency by **30%**.
- Designed and developed **reusable UI components**, cutting feature development time by **25%**.

Projects

Social Media App
- Built a **real-time Social Media App** using **React.js, Node.js, Express, MongoDB,** and **Socket.io**
- Implemented core features like **user authentication, post creation, likes, comments, and live notifications**..
- Integrated **Socket.io** for **100% real-time updates** on likes and comments.
- Optimized frontend performance and responsiveness, improving **UI/UX efficiency by 40%**.
- Enhanced understanding of **full-stack architecture and RESTful APIs by 90%**.

Chat App

- Built a full-stack real-time chat app using ReactJS, Node.js, Express, and MongoDB with instant messaging via Socket.io.
- Implemented secure user authentication with JWT, improving data protection by **95%**.
- Managed global state efficiently with Redux Toolkit, improving frontend performance by 40% and ensuring smooth data flow.
- Designed a **responsive UI** with **Tailwind CSS**, achieving **100% mobile compatibility** for an enhanced user experience.

EDUCATION

B.Tech (Computer Science & Engineering) - Lovely Professional University, Phagwara **(7.22/10)**
12th Standard - Saransh International School, Taragarh, Punjab **(70%)**

CERTIFICATIONS

Jan' 23 to Feb'23 React JS **Programming Pathshala**
Jun '22 to Aug '23 Data Structures and Algorithms Self Paced **GeeksForGeeks**