TATSAT SHARMA

+916901842097

sharmatatsat23@gmail.com

www.linkedin.com/in/sharmatatsat

ABOUT ME

Aspiring Software Development Engineer with a strong foundation in programming and proven problem-solving skills. Eager to leverage my quick learning and dedication to continuous improvement to contribute to innovative projects and gain real-world experience in a dynamic team environment.

SKILLS

Programming Languages: C , C++, JavaScript, TypeScript
Frontend Technologies: ReactJS, NextJS, Redux, Recoil, TailwindCSS
Backend Technologies: NodeJS, ExpressJS, REST APIs

Databases: SQL, MongoDB
Tools and IDE: Git & VStudio

EDUCATION

MIT WPU	B'Tech Computer Science	2021 - 2025
South Point School, Guwahati	HSC (CBSE)	2020 - 2021

PROJECTS

SwiftChat

- **Engineered** a real-time chat application using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- **Designed** an intuitive and responsive UI with React.js, utilizing state management with React hooks and context API.
- **Implemented** WebSocket technology for instant messaging functionality, enabling real-time, bidirectional communication between users, and reducing latency.
- **Developed** robust RESTful APIs with Express.js and Node.js, ensuring secure user authentication through JSON Web Tokens (JWT) and password hashing with bcrypt

BitTrack

- **Developed** a Bitcoin Price Tracker application using React.js, TypeScript, and AirCode.io.
- **Designed** a sleek and responsive UI with React.js, utilizing TypeScript for type safety and improved code quality.
- **Integrated** live Bitcoin price data via AirCode.io for accurate, real-time updates
- **Implemented** key features such as live price updates, historical price charts, and customizable alerts.
- **Built** and utilized APIs for seamless data fetching of BitCoin pricing & user interactions.

ACHIEVEMENTS

Competitive Programming: Acheived a global rank of 13 in CodeChef contest among 25,000 participants.
Hackathon Hack-x MITWPU: Shortlisted among the top 5 teams in our college

CERTIFICATIONS

IIT Roorkee Deep Learning & AI Programme Certification

HackerRank SDE Intern Certification