Abhiraj Singh Chauhan

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EDUCATION

Indian Institute of Information Technology (IIIT), Sri City   Aug 2023 - present

Bachelor of Technology in Computer Science and Engineering   **CGPA: 9.15**

- Courses: Data Structures, Algorithms, Operating Systems, Computer Networks, Full Stack Development

WORK EXPERIENCE

Software Developer - UB&US   July 2024 - present

- Contributed to full-stack website development for UB&US, utilizing React for the frontend and Firebase for the backend, resulting in a platform that is growing progressively.
- Developed and launched **real-time chat** functionality with optimal UI/UX, resulting in a 40% increase in user engagement and a 25% reduction in support ticket response times.
- Integrated **Ola Maps** for enhanced location registration and real-time product tracking, increasing customer interaction.

IOTA Core member - Web dev & Blockchain   July 2024 - present

- Contributed to the design and development of industry-level projects in web development and blockchain technologies.
- Collaborate with a multidisciplinary team to organize and participate in workshops, hackathons, and events, promoting innovation and practical learning.

TECHNICAL PROJECTS

Deep-Chat *(React, Socket.io, Context API, Node.js, Express.js, Axios)*   ○

- Developed Deep-Chat, a real-time chat application using Node.js , React and Socket.io leveraging websockets to establish two way connections and provide instant updates.
- Made the server act as a relay point for client requests , with session based storage of data and messages only on the user's end to ensure privacy.

Clipify *(React, Firebase, Tailwind, NextUI, Framer-motion, Firestore database)*   ○

- Designed and deployed a dynamic online clipboard solution with React.js and Firebase, facilitating seamless message, password, pdfs and image storage to reduced data retrieval between devices.
- Integrated the Firestore database to store images and files online in an optimized way and display them on reads.

EthSplit *(Vite, React, Tailwind CSS, Solidity, Hardhat, Ethers.js, Polygon)*   ○

- Developed a decentralized expense-sharing app with smart contracts on the Polygon blockchain, ensuring transparent and automated management.
- Integrated Ethers.js for blockchain interaction and MetaMask for wallet management, providing a secure and low-cost user experience.

Reminders-xyz *(Nodejs, Typescript, Nodemailer, Cron, Enquirer)*   ○

- Built a CLI tool for scheduling recurring reminders, using Cron for task scheduling and Nodemailer for customized email notifications.
- Implemented a user-friendly interface with Enquirer and CLI-table3 for prompt-based input and display on the console.

PROGRAMMING ACHIEVEMENTS

- Winner of the **web3ssh Hackathon** and received a reward prize of $70.
- Accepted into **Buildspace's S5 nights & weekends** among more than 32000 applicants.

SKILLS

Programming	C, C++, Java, JavaScript, Typescript, Solidity
Database	MySQL, MongoDB, Firebase
Technologies	NodeJS, React, Express, NextJS, Tauri, Electron, Remix, Hardhat
Software	Git, Postman, Linux