Rahul Singh

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SKILLS

- Languages: C, C++, Python
- Frontend: Html, Css, Javascript, Typescript, ReactJs, NextJs, TailwindCss,Bootstrap
- Backend: NodeJs, ExpressJs, MongoDB
- Blockchain: Solidity, Web3Js, EtherJs, Hyperledger
- Other Technologies: Hardhat, Redux, Git, Postman

PROJECTS

NFT Marketplace | NFT Bazaar

- Developed an **Ethereum-based NFT Marketplace** contract for NFT Bazaar, featuring Buy, Sell, List, and Relist functions to enhance trading capabilities.
- **Utilized Infura IPFS** for robust and efficient storage of NFT metadata.
- Designed a **responsive user interface**, optimizing the trading experience and ensuring user-centric navigation.

Linea GPT 3.0 | Ongoing

- Implemented a Linea-GPT chatbot using Next.js, React.js, and **integrated OpenAI's GPT-3.0** for advanced natural language processing.
- Designed an intuitive **user interface** with real-time interaction capabilities.
- Incorporated **Web 3.0 features** like blockchain and decentralized storage, for enhanced functionality.

Digi-Drive | Digi-drive

- D-app deployed on test net where users can **save, view, limit access to images** etc to others on decentralized blockchain safely.
- Leveraged **Pinata IPFS** for storing NFTs metadata.

EDUCATION

Manipal Institute of Technology , Manipal   (08/2025)
Electronics and Communication Engineering (minor in Computing)

EXPERIENCE

Advisory Board | IE-ENC The Manipal chapter
Acquired expertise in diverse areas, such as Arduino engineering, PCB design, and microprocessors . Furthermore, my involvement as Advisory board contributed significantly to the proficient management of club events.

Management Committee | Manipal Information Security Team
Explored several fields like IOT, Blockchain security, CTF's. Contributions with cybersecurity talks,social media and managing The Chapter.