

# Rahul Singh

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Manipal, Karnataka

## Technical Skills

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

## Projects

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### 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.
- Used **Pinata IPFS** for storing NFTs metadata.

## Education

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Manipal Institute of Technology  
Electronics and Communication Engineering

## Experience

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Advisory Board | IE-ENC The Manipal chapter

08/2022 - 11/2023

I had the opportunity to acquire expertise in diverse areas, such as **Arduino engineering, PCB design, and microprocessors**. Furthermore, my involvement as a Advisory board contributed significantly to the proficient management of club events.

Management Committee | Manipal Information Security Team

06/2022 - 11/2023

Explored several fields like **IOT, Blockchain security, CTF's**. Contributions with cybersecurity talks,social media and managing The Chapter.

## Links

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[Github](#) | [Linkedin](#)

