Akshat Singh

Software Developer

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TECHNICAL SKILLS

Fundamentals: Data Structures and Algorithms
Programming Languages: Python, C++, SQL
Frontend: React, React Native, Next.js, Typescript, HTML/CSS, GraphQL, Restful APIs, Figma
Backend: Node.js, Express, MongoDB
Blockchain: Solidity, Truffle, Hardhat
Machine Learning:PyTorch, LangChain

PROJECTS

NativeChat | *React Native, Express, Node, MongoDB*   October 2023 – November 2023
- Developed a real-time chat platform. Leveraged React Native for a seamless mobile experience, MongoDB for scalable data storage, and Node and Express for a robust backend.
- Implemented secure user authentication.
- Facilitated rich multimedia communication, empowering users to connect effortlessly.

BlockStorage | *Solidity, React, Mocha, Chai, Truffle, IPFS*   September 2023 – October 2023
- Developed a decentralized image upload and sharing system.
- The Dapp features decentralized storage on IPFS, Ethereum smart contracts for ownership and access control, and a secure system allowing users to grant or revoke access to their uploaded images.

unSpotify | *React, RESTful APIs, Redux, Axios*   July 2023
- Built and deployed a Spotify clone web application with mobile compatibility.
- Unspotify stands out by intelligently leveraging geo-location capabilities and harnessing the ShazamCore API services for a refined and immersive user experience.

NoCentral | *Solidity, React, Hardhat, IPFS*   May 2023 – June 2023
- Developed a decentralized Real Estate application.
- Implemented a user-friendly interface that allows users to browse, buy, and sell real estate NFTs, made in accordance to the ERC721 guidelines.

EXPERIENCE

Product Developer - Frontend , Internship   Feb. 2023 – Apr. 2023
Speak Your Mind Education LLP - it's an Ed-Tech startup.   *Chennai, India*
- Thrived in a dynamic pre-seed startup environment, demonstrating adaptability and resourcefulness in navigating evolving project requirements and tight deadlines.
- Designed and implemented intuitive front-end interfaces using React, Redux, Tailwind, and React Navigation for company MVP dashboards.
- Ensured cross-device functionality by developing responsive designs, optimizing performance for desktop and mobile platforms.
- Diversified contributions by creating API endpoints for multiple course modules within Django's backend framework.

CERTIFICATIONS

Introduction to Front-end Development - Meta
React Basics - Meta
Introduction to Software Engineering - IBM

EDUCATION

City Montessori School, 90.2   Lucknow, India
Senior School   *2017 - 2019*

SRMIST, 8.6 (upto 3rd year)   Chennai, India
Faculty of Computers Science spl. in Software Engineering   *2020 - 2024*