RUPEN JARSANIYA

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Summary

An enthusiastic Blockchain Developer with 1+ years of demonstrated history of collaborating on large-scale projects to develop Ethereum and Hyperledger in Agile environments. Proficient in JavaScript, Typescript, and Node.js, with expertise in Smart Contracts, Web3.js, Ethers.js, and Solidity, Along with a strong background in API development, Docker, and Kubernetes.

Skills

Programming Languages: Javascript, Typescript, Java

Web3 & Blockchain: Solidity, NFT Marketplace, DApp, Merkle Trees, Openzeppelin, Oracle, Uniswap, Web3.js, Ethers.js, Tokenomics, Cryptography, Blockchain, Consensus, Contract Audit and Optimization

Frontend: ReactJS, NextJS, Redux Toolkit, React-Query

Backend: NodeJS

Database: MongoDB, NoSQL

Experience

Pedals Up   Ahmedabad, India
Software Development Engineer I (SDE I)   December 2023 - Current

- Developed, tested, and deployed various **decentralized applications (DApps)** using **Solidity** and **Hardhat**.
- Created and improved intuitive user interface with ReactJs and seamless backend integration with **proxy servers** and **blockchain networks**.
- Played a pivotal role in advancing significant projects from inception.
- Leveraged expertise in **Distributed Ledger Technology**, **Blockchain ecosystem & structure**, designing and building libraries, and implementing and optimizing blockchain technologies with a powerful **API design** mindset while contributing to the development of robust and reusable components.

Blockchain Developer   September 2023 - November 2023
- Developed blockchain-based projects by designing **consensus algorithms**, leveraging Solidity and **Ethereum** development for intelligent contracts and web3 for clients.
- Improved security by utilizing cryptography, and increased transaction speed by implementing technologies such as sharding.
- Resolved existing issues and implemented critical updates to enhance the system's overall security and a package for **automated auditing for smart contracts** to ensure accurate and secure content.

Ansorbit Technolabs   Ahmedabad, India
Software Development Engineer (SDE)   January 2023 - August 2023
- Created DApp, featuring full stack with **React/ Redux, Node.js** management, and public/ private key encryption.
- Applied comprehensive knowledge of **Ethereum, Ether.js, and Web3**.js library to develop robust and secure blockchain solutions, contributing to the reliability and integrity of decentralized applications.
- Enhanced project security by applying expertise in **Elliptic Curve Cryptography (ECC)** and continuously monitoring and adapting to the evolving landscape of **blockchain security** best practices.
- Collaborated closely with cross-functional teams to identify and address challenges, contributing to a culture of **open communication** and knowledge sharing.
- Engaged in continuous professional development, acquiring certifications or attending relevant workshops to stay current with advancements in blockchain technology and development tools.

Projects

Derp ID, Pedals Up

Solidity Developer

- Engineered Ethereum smart contracts for Derp ID, facilitating transparent wallet score tracking through decentralized transaction history.
- Specialized in implementing secure airdrop mechanisms within smart contracts for Derp ID, emphasizing fair and decentralized token distribution.
- Designed and implemented robust admin authentication and blockchain security measures for Derp ID, ensuring the integrity and safety of user funds and data.

BAD NFT (Tax loss harvesting), Pedals Up

Blockchain Developer

- Implemented a secure and transparent transaction mechanism in the Badnft smart contract, allowing users to sell multiple NFTs in a single transaction, thereby optimizing gas fees and enhancing overall cost-effectiveness in the tax loss harvesting process.
- Developed and deployed a cost-effective smart contract for NFTs, facilitating transfer to Admin wallet with near-zero Ethereum network costs.
- Implemented gas-efficient processes, enabling bulk transfer or sale of multiple NFTs in a single transaction, reducing user transaction costs.
- Ensured seamless interaction with NFTs on OpenSea or in users' wallets through optimized smart contract functionality.

EthDead, Pedals Up

Blockchain Developer

- Minted Ethdead tokens for the project, ensuring a seamless distribution process on the Ethereum network.
- Integrated Twitter login functionality to facilitate user participation, requiring mentions to Ethdead's Twitter handle for eligibility.
- Implemented Web3 functionalities, enhancing the project's blockchain integration and user experience in token participation and distribution.

Derpad, Pedals Up

Solidity Developer

- Innovated groundbreaking IDO mechanism with meme token contributions, tying token claimability to sale success for fair distribution.
- Implemented automated liquidity provision post-IDO, enhancing platform stability and locking LP for an extended period.
- Deployed robust antibot measures to prevent early token selling, fostering a fair and anti-manipulative trading environment.
- Established strategic token burn system for $DERPAD, contributing to the deflationary nature of the token.
- Launched 12 unique meme tokens, each with a distinct identity and purpose.
- Streamlined IDO process, ensuring participants receive allocated tokens based on predefined conditions.
- Contributed to Derpad ecosystem growth, attracting projects like $BLUE for IDO.

Santacoin, Pedals Up

Full Stack Developer

- Integrated Twitter authentication and Phantom wallet connectivity for user-friendly onboarding in the Santacoin distribution program.
- Implemented a transparent winner selection algorithm, enhancing the hourly giveaway experience in Santacoin rewards distribution.
- Developed secure ERC token distribution smart contracts, ensuring platform integrity and seamless reward distribution.

Game Planet, Pedals Up

Blockchain Developer

- Implemented robust security measures for GamePlanet ecosystem integrity.
- Devised a unique IDO token allocation scheme balancing VeGPX and investment for fair distribution.
- Introduced VeGPX-based voting for enhanced clan governance capabilities.
- Developed features like daily Shard Yield and user-friendly Token Generation Event (TGE) share purchase opportunities to boost engagement.

ZKX, Ansorbit Technolabs

Full Stack Developer

- Enhanced Ethereum smart contracts for swift, secure crypto trading on ZKX.
- Crafted an intuitive interface for effortless navigation, catering to all traders.
- Implemented robust security measures, including encryption and authentication protocols.
- Integrated cutting-edge Zero-Knowledge Proofs for heightened user privacy.
- Engineered a scalable backend to handle expanding user base and transaction volumes, meeting dynamic market demands.

Education

GOVERNMENT ENGINEERING COLLEGE MODASA   Modasa, Gujarat

Bachelor of Engineering (BE), Computer Engineering   June 2023

CGPA 7.46

Maharshi Gurukul Halvad   Halvad, Gujarat

HSC: Gujarat Secondary and Higher Secondary Education Board (GSEB), Science Stream   March 2019

75.5%

Jivkorbai Lallubhai High School   Ahmedabad, Gujarat

SSC: Gujarat Secondary and Higher Secondary Education Board (GSEB)   March 2017

67.33%