Rupenkumar Jarsaniya

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Portfolio | Linkedin | Github

Summary

- Results-driven blockchain developer with a proven track record of designing, implementing, and maintaining cutting-edge blockchain solutions.
- Proficient in Ethereum, Polygon, and Base Goerli, with expertise in smart contract development, consensus algorithms, and cryptographic techniques.
- Experienced in collaborating with cross-functional teams to analyze business requirements and translate them into effective blockchain solutions. Committed to staying current with industry trends.

Skills

Web3 & Blockchain

- ERC standards: ERC20, ERC721, ERC1155
- EVM based chain: Ethereum, Polygon, Base
- Smart contract: Solidity
- Contract development environment: Hardhat, Truffle, Ganache
- Library for interaction: Web3.js, Ethers.js

Web2

- Frontend: ReactJS, NextJS, Redux, React-query
- Backend: NodeJS, ExpressJS, SocketIO
- Database: MongoDB, NoSQL
- Languages: Javascript, Typescript

Experience

Job Period: SEPTEMBER 2023 - CURRENT

Company Name: Pedals Up, Ahmedabad

Post: Blockchain Developer

- Spearheaded the development of blockchain solutions, demonstrating proficiency in Ethereum, Polygon, Base Goerli.
- Collaborated with cross-functional teams to design and implement smart contracts, enhancing contract efficiency.

- Conducted regular code reviews, ensuring adherence to best practices and optimizing code for performance.
- Contributed to the successful deployment of projects, staying current with industry trends.

1. **Project Name**: Zoopad
   Role: Blockchain Developer
   Description: Developed a decentralized exchange platform, ZKX, operating on the Ethereum blockchain for seamless cryptocurrency trading.
   Responsibilities:
   - Spearheaded the development of the Zoopad platform, taking a lead role in the design and implementation of its core features.
   - Collaborated with cross-functional teams to integrate blockchain functionalities into the user interface.
   - Conducted thorough testing and debugging to ensure the security and efficiency of Solidity-based smart contracts.
   - Contributed to optimizing transaction speed and gas costs on Ethereum, Polygon, and other blockchain networks.
   - Actively participated in integrating token trading functionalities with decentralized exchanges, notably Uniswap.
   - Developed and deployed specialized smart contracts, including airdrop contracts for token distribution and staking contracts for user engagement and network security.
   - Implemented and adhered to ERC standards to ensure interoperability and compliance with industry best practices.
   - Established and managed liquidity pools on Uniswap to enhance the liquidity and trading experience of Zoopad-generated tokens.
   - Developed various token types (Baby Token, Standard Token, Reflective Token, Spec Token, and Simple Token) catering to specific use cases and preferences.
   Technologies: Solidity, Hardhat, Ethereum, Base, Polygon, Uniswap, ERC Standards

Job Period: JANUARY 2023 - AUGUST 2023

Company Name: Ansorbit Technolabs, Ahmedabad

Post: Software Engineer

- Developed and maintained software applications, applying expertise in Solidity, Javascript, Typescript, ReactJS, NextJS, NodeJS.
- Collaborated with a multidisciplinary team to design and implement scalable and efficient software solutions.
- Participated in the full software development lifecycle, from requirements gathering to testing and deployment.

2. **Project Name**: ZKX - Decentralized Exchange (DEX) on Ethereum Blockchain
   Role: Full Stack Developer

Description: ZKX is a decentralized exchange platform built on the Ethereum blockchain, facilitating seamless cryptocurrency trading for users. The platform employs cutting-edge technologies to ensure a secure and efficient decentralized finance (DeFi) experience.

Responsibilities:

- Spearheaded the design and implementation of innovative smart contracts, introducing novel features, enhancing the overall functionality and competitiveness of the decentralized exchange.
- Implemented backend functionality using NodeJS to facilitate seamless communication between the frontend and the Ethereum blockchain.
- Engineered gas-efficient smart contracts, significantly reducing transaction costs and improving the platform's competitiveness in the DeFi space.
- Successfully integrated cross-chain functionality, enabling users to trade assets across different blockchain networks and positioning ZKX as a versatile decentralized exchange.
- Focused on creating a responsive and intuitive interface to improve user engagement and trading experience.
- Implemented security-first practices in smart contract development, conducting thorough audits and testing to ensure resistance against potential vulnerabilities.
- Managed project timeline and deliverables, ensuring timely code delivery and successful project completion.
- Facilitated meetings between development teams and stakeholders to ensure clear communication and alignment on project goals.
- Proficient in using Jira to manage project tasks and ensure timely completion of deliverables..

Technologies: Solidity, NextJS, MongoDB, SocketIO, Typescript**.**

Education

B.E: Computer Engineering   **JUNE 2023**
Government Engineering College Modasa
74.6 %

H.S.C: Gujarat Higher Secondary Education Board   **MARCH 2019**
Maharshi Gurukul, Halvad
75.5 %

S.S.C: Gujarat Higher Secondary Education Board   **MARCH 2017**
J.L. High School, Ahmedabad
67.33 %

I am sincere in my endeavors and have good coordination skills to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.