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

BLOCKCHAIN DEVELOPER

Summary

- Blockchain Developer with 1+ year of expertise in Web3 and blockchain technologies.
- Skilled in ERC standards, EVM-based chains, and smart contract development using Solidity.
- Results-driven blockchain developer with a proven track record of designing, implementing, and maintaining cutting-edge blockchain solutions.
- Proficient in Ethereum, Polygon, and Base 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.
- Proficient in Web2 technologies, including frontend and backend development, with a strong foundation in JavaScript and TypeScript.
- Accomplished multiple blockchain projects showcasing practical application of skills.
- Experience in client communication and taking part in requirement review meetings with stakeholders and other team members.

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.
- Conducted rigorous smart contract security audits utilizing Slither, a leading analysis tool, to ensure robust code quality, identify vulnerabilities, and enhance overall security posture in blockchain applications.
- Conducted code reviews to ensure adherence to coding standards, security protocols, and scalability requirements.

1. Project Name: Derpad

Role: Solidity Developer

Description: In my role as a Blockchain Developer at Derpad, I played a vital part in developing and refining an innovative platform for creating and launching unique Meme tokens. Derpad introduced a diverse array of meme tokens, each intricately associated with distinctive characters. The platform features a dynamic mechanism wherein tokens are periodically burned, facilitating the seamless allocation of new Initial DEX Offerings (IDOs).

Responsibilities:

- Led the development of smart contracts that power Derpad's ecosystem, including the creation of 12 meme tokens such as Shiba Fam, Hello Pipi, and Eloncat. Ensured the seamless functioning of the platform'sIDO creation and activation processes.
- Designed and implemented a self-serve IDO creation system akin to popular platforms like DxSale or Pink Sale. Orchestrated the token activation process, enabling project founders to promote their IDOs effectively.
- Engineered Derpad's unique tokenomics, incorporating a 0% buy tax and a 4% sell tax, with proceeds allocated to Derpad, burning, and the project team. Implemented a strategic antibot measure preventing the selling of tokens for the first 168 hours after purchase.
- Orchestrated a token supply structure with a total of 1 billion tokens, distributing 80% to users, 9% to the team, 1% to Derpad, and reserving 10% for IDOs. Ensured a sustainable and well-balanced supply distribution.
- Integrated an automatic deployment of \$2,000 to \$5,000 stablecoins for liquidity when an IDO is full, with the LP locked for three months. This mechanism contributed to a stable and secure liquidity pool.

- Developed a payment system where \$DERPAD tokens are used for various platform services, including token and website creation, featuring, and tweeting. All \$DERPAD received as payment is systematically burned.

Accomplishments:

- Successfully implemented a groundbreaking IDO mechanism, where participants contribute meme tokens, and the success of the sale triggers specific milestones for token claimability, ensuring a fair and transparent distribution.
- Automated Liquidity Deployment: Introduced an automated liquidity provision mechanism upon IDO completion, enhancing the stability of the platform and locking LP for an extended period.
- Secure Antibot Measures: Implemented a robust antibot measure to prevent early token selling, promoting a fair and anti-manipulative trading environment.
- Token Burn Mechanism: Established a strategic token burn system for various platform services, contributing to the deflationary nature of the \$DERPAD token.
- Successfully launched 12 meme tokens, each with its unique identity and purpose.
- Streamlined the IDO process, ensuring participants receive their allocated tokens based on predefined conditions.
- Contributed to the growth of the Derpad ecosystem, attracting new projects like the Walter White token (\$BLUE) for IDO.

Technologies: Uniswap, Solidity, Hardhat, Ethereum, Base, Polygon, ERC Standards.

2. Project Name: SantaCoin

Role: Blockchain Developer

Description: In my capacity as a Full Stack Blockchain Developer at Santacoin, I took a central role in developing and deploying an innovative ERC token distribution platform. Utilizing Twitter integration and the Phantom wallet, Santacoin facilitates a smooth and user-friendly process for participation and reward acquisition.

Responsibilities:

- Led the design and implementation of ERC token smart contracts, ensuring compatibility with the Ethereum blockchain. Developed functionalities for token distribution and user participation tracking.
- Implemented a secure user authentication system, allowing participants to log in using their Twitter accounts and connect seamlessly with the Phantom wallet, enhancing user experience and accessibility.
- Engineered the participation mechanism, requiring users to tweet for eligibility. Implemented a randomized selection process, ensuring fairness, and chose winners every hour for Santacoin rewards worth \$20.

Accomplishments:

- Successfully integrated Twitter authentication and Phantom wallet connectivity, simplifying user onboarding and participation in the Santacoin distribution program.
- Implemented a robust and fair winner selection algorithm, enhancing the hourly giveaway experience and ensuring transparency in the distribution of Santacoin rewards.
- Developed secure and efficient smart contracts for ERC token distribution, ensuring the integrity of the Santacoin platform and facilitating a seamless reward distribution process.

Technologies: Solidity, Ethereum, Solana, Hardhat, ERC20, NextJs, MongoDB.

3. Project Name: GamePlanet

Role: Blockchain Developer

Description: As the Blockchain Developer for GamePlanet, I played a pivotal role in architecting and refining a cutting-edge decentralized finance (DeFi) ecosystem tailored for gaming enthusiasts. GamePlanet stands as a seamless platform, providing a gateway for users to engage in clan dynamics, contribute to protocol development, and participate in Initial DEX Offerings (IDOs).

Responsibilities:

- Spearheaded the design and deployment of smart contracts for core functionalities, including GPX, SHARD, DALA, and the innovative VeGPX voting-escrow system.
- Engineered the Clan Creation and Membership Management features, ensuring a secure environment for verified user participation. Initiated groundwork for Clan Deletion functionality.
- Developed the Clan Voting system based on VeGPX, fostering user engagement in both clan and global governance proposals. Implemented robust security measures to uphold the integrity of the voting process.
- Designed and integrated Shard Yield in VeGPX, offering users daily returns. Implemented strategic mechanisms, such as early stake withdrawal penalties and compounded yields, to encourage sustained user commitment.
- Established a multi-signature wallet system for Clan Vaults, adding an extra layer of security. Implemented a multi-admin authorization system for fund dispatching, safeguarding clan assets.
- Pioneered an innovative token allocation scheme for IDOs, considering both VeGPX balance and investment amount. Participated in due diligence for IDO proposals, contributing to a fair and inclusive distribution process.

Accomplishments:

- Implemented comprehensive security measures to ensure the robustness and integrity of the GamePlanet ecosystem.
- Successfully devised a unique token allocation scheme for IDOs, balancing VeGPX and investment amount, fostering fairness and inclusivity in token distribution.
- Elevated clan governance capabilities by introducing VeGPX-based voting, empowering users in decision-making processes.
- Contributed to the development of features enhancing user engagement, including the daily Shard Yield and an enticing opportunity for users to purchase their allocated share at Token Generation Event (TGE).

Technologies: Solidity, Hardhat, Web3.js, Token Allocation Algorithms, Multi-Signature (Multi-Sig) Wallets, ERC.

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 closely with product managers, UX designers, and quality assurance teams to ensure seamless integration of features and functionalities.
- Successfully resolved complex technical issues, demonstrating strong problem-solving skills and a commitment to delivering reliable solutions.
- Participated in the full software development lifecycle, from requirements gathering to testing and deployment.
- Actively participated in cross-functional team meetings, providing valuable insights and solutions to enhance project outcomes.

4. **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 creation and optimization of smart contracts on the Ethereum blockchain, ensuring the reliability and security of ZKX's decentralized trading infrastructure.
- Developed the UI & UX components of the ZKX platform, providing an intuitive and responsive interface for users to engage in cryptocurrency trading activities.
- Implemented robust backend functionalities to support the core operations of the decentralized exchange, including order matching, transaction processing, and user account management.
- Implemented security protocols and measures to safeguard user data and assets, utilizing encryption and authentication mechanisms to create a secure trading environment.
- Leveraged cutting-edge technologies such as Zero-Knowledge Proofs or other privacy-preserving techniques to enhance the privacy and security features of ZKX, contributing to a confidential and secure trading experience.
- Developed and implemented robust user authentication and authorization mechanisms, ensuring that only authorized users have access to their accounts and trading functionalities.

Accomplishments:

- Successfully developed and optimized smart contracts to facilitate fast and reliable cryptocurrency trading on the Ethereum blockchain, contributing to a seamless user experience.
- Designed and implemented a user-friendly interface that enhances the overall user experience, making it easy for both novice and experienced traders to navigate the platform effortlessly.
- Implemented advanced security measures, including encryption and authentication protocols, to fortify the ZKX platform against potential threats, ensuring the safety of user assets and data.

- Integrated cutting-edge technologies like Zero-Knowledge Proofs to enhance user privacy, contributing to a confidential and secure trading experience for ZKX users.
- Engineered a scalable backend architecture capable of handling a growing user base and increasing transaction volumes, ensuring the platform's ability to meet the demands of a dynamic cryptocurrency market.

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.