

Hello

I'm Rupenkumar Jarsaniya

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Summary

Results-driven blockchain developer with a proven track record of designing, implementing, and maintaining cutting-edge blockchain solutions. Adept at utilizing a variety of blockchain platforms and programming languages to develop secure and scalable decentralized applications (DApps). Proficient 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. Demonstrated expertise in troubleshooting and optimizing blockchain performance. Committed to staying current with industry trends and continuously expanding knowledge in the rapidly evolving blockchain landscape. Strong communication and problem-solving skills, with a passion for leveraging blockchain technology to drive innovation and enhance business processes.

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

SEPTEMBER 2023 - PRESENT

Pedals Up, Ahmedabad – *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 the efficiency of contracts.
 - Conducted regular code reviews, ensuring adherence to best practices and optimizing code for performance.
 - Contributed to the successful deployment of projects.
 - Stayed abreast of industry trends, incorporating emerging technologies to continually enhance blockchain solutions.
1. **Project Name:** Zoopad
- **Role:** Blockchain Developer
 - **Project Description:**
 - Zoopad is a groundbreaking platform designed to empower users in creating and managing tokens, as well as conducting Initial DEX Offerings (IDO). The platform streamlines the entire token creation process, ensuring that tokens generated on Zoopad undergo verification and are seamlessly published on prominent explorer websites.
 - **Responsibilities:**
 - Spearheaded the development of the Zoopad platform, taking a lead role in the design and implementation of its core features.
 - Collaborated closely with cross-functional teams to ensure seamless integration of blockchain functionalities into the user interface.
 - Conducted rigorous testing and debugging to guarantee the security and efficiency of smart contracts written in Solidity.
 - Contributed to the optimization of transaction speed and gas costs on multiple blockchain networks, including Ethereum, Polygon, and others.
 - Actively participated in the integration of token trading functionalities with decentralized exchanges, notably Uniswap.
 - Developed and deployed specialized smart contracts, including airdrop contracts to facilitate 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 diverse token types, including Baby Token, Standard Token, Reflective Token, Spec Token and Simple Token, each catering to specific use cases and preferences.

- **Technologies:**

Solidity, Hardhat, Ethereum, Base, Polygon, Uniswap, ERC Standards

JANUARY 2023 - AUGUST 2023

Ansorbit Technolabs, Ahmedabad – *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.
- Demonstrated proficiency in agile and scrum to ensure timely and high-quality project delivery.
- Received commendation for resolving critical bugs, optimizing code for performance during performance evaluations.

2. Project Name: ZKX - Decentralized Exchange (DEX) on Ethereum Blockchain

- **Role:** Full Stack Developer

- **Project 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 ensure seamless communication between the frontend and the Ethereum blockchain.
- Engineered and implemented gas-efficient smart contracts, significantly reducing transaction costs for users and enhancing the platform's appeal in the highly competitive decentralized finance (DeFi) space.
- Spearheaded the successful integration of cross-chain functionality, allowing users to seamlessly trade assets across different blockchain networks, positioning ZKX as a versatile and forward-looking decentralized exchange.
- focusing on a responsive and intuitive interface that improved user engagement and trading experience.
- Implemented security-first practices in smart contract development, conducting thorough audits and testing to ensure resistance against potential vulnerabilities, contributing to ZKX's reputation as a secure and trustworthy trading platform.
- 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

JUNE 2019 - JUNE 2023

7.46 CGPA

GEC Modasa - *Bachelor of Engineering*

Department Of Computer Engineering

MARCH 2018 - MARCH 2019

75.5%

Maharshi Gurukul - *Higher Secondary School - GSHSEB*

Science Stream

Languages

English - Full Professional Proficiency

Hindi - Full Professional Proficiency

Links

Portfolio: <https://www.rupenjarsaniya.me>

Linkedin: <https://www.linkedin.com/in/rupenjarsaniya>

Github: <https://github.com/rupenjarsaniya>

Declaration

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.