

RUPEN JARSANIYA

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Summary

Blockchain Developer with 1+ years of experience in Ethereum and Hyperledger development. Proficient in JavaScript, Typescript and Node.js, with expertise in Smart Contracts, Web3.js, Ethers.js, and Solidity. Strong background in API development, Docker, and Kubernetes. Proven track record in Agile environments, collaborating on large-scale projects. Effective communicator with cross-cultural adaptability.

Skills

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

Programming Languages: Javascript, Typescript, Java

Frontend: NextJS, ReactJS, Redux, 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)** utilizing **Solidity** and **Hardhat**.
- Improved user interface scalability and performance with React.js and integrated backend with **proxy servers** and **blockchain networks**.
- Played a pivotal role in the progression of major projects from inception through completion, emphasizing effective communication with stakeholders and management in an **Agile** and **DevOps** environment.
- Demonstrated hands-on technical expertise in implementing and optimizing blockchain technologies, with a keen understanding of **Distributed Ledger technology**, **Blockchain ecosystem**, and structure.
- Leveraged expertise in designing and building libraries with a strong **API design** mindset, contributing to the development of **robust and reusable components**.

Blockchain Developer

September 2023 - November 2023

- Developed blockchain-based projects by developing **consensus algorithms**, leveraging Solidity and **Ethereum** development for smart contracts and **web3** for clients.
- Reduced transaction costs by up to 50% through the **optimization of tokenomics** and **interoperability**, improved security by utilizing **cryptography**, and **increased transaction speed** by implementing technologies such as sharding.
- Implemented critical updates to enhance the overall security of the system and to resolve any existing issues.
- Created a custom consensus algorithm for improved scalability and faster transactions using Solidity.
- Implemented a package for **automated auditing for smart contracts** to ensure content is accurate and secure.

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

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 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 Santacoin distribution program.
- Implemented a transparent winner selection algorithm, enhancing 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
CGPA 7.46

June 2023

Maharshi Gurukul Halvad

HSC: Gujarat Secondary and Higher Secondary Education Board (GSEB), Science Stream
75.5%

Halvad, Gujarat
March 2019

Jivkorbai Lallubhai High School

SSC: Gujarat Secondary and Higher Secondary Education Board (GSEB)
67.33%

Ahmedabad, Gujarat
March 2017