

RUPEN JARSANIYA

Ahmedabad, India | +91-7984328520 | jarsaniyarupen7984@gmail.com | [Linkedin](#) | [Github](#) | [Portfolio](#)

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, Solidity, Java

Web3 & Blockchain: DApp, DeFi, Merkle Tree, Openzeppelin, Oracle, Uniswap, Tokenomics, Cryptography, Blockchain, Consensus, Contract Audit and Optimization, ERC Standards, NFT Marketplace, Web3.js, Ethers.js

Frontend: ReactJS, NextJS, AngularJS

Backend: NodeJS, Ruby

Database: MongoDB, NoSQL

Experience

Pedals Up

Ahmedabad, India

Software Development Engineer I (SDE I)

December 2023 - Current

- Developed, tested & deployed various **decentralized applications (DApps)** using **Solidity** and **Hardhat**.
- Build intuitive user interfaces with ReactJs and seamless backend integration with **proxy servers** and **blockchain networks**.
- Played a pivotal role in advancing projects from inception.
- Leveraged expertise in **Blockchain technology (DLT)**, designing libraries, and **API design** for robust, reusable components.

Blockchain Developer

September 2023 - November 2023

- Designed and implemented **consensus algorithms** for secure, decentralized applications.
- Built intelligent contracts and web3 integrations using **Solidity** and **Ethereum**.
- Designed a cost-efficient (up to 50% reduction) and secure blockchain project utilizing Merkle, tokenomics, interoperability, cryptography, and sharding for faster transactions.
- Resolved critical issues and implemented updates to optimize system performance.
- Developed an automated **smart contract auditing** package for accuracy and security.

Ansorbit Technolabs

Ahmedabad, India

Software Development Engineer (SDE)

January 2023 - August 2023

- Developed full-stack DApp using **React/Redux** for front-end and **Node.js** for back-end.
- Leveraged Ethereum, **Ether.js**, and **Web3.js** to build secure and reliable blockchain solutions.
- Implemented robust security with **ECC** encryption and best practices monitoring.
- Collaborated effectively across teams for open communication and knowledge sharing.
- Continuously upskilled through workshops on blockchain advancements.

Projects

Derp ID, Pedals Up

Solidity Developer

- Engineered Ethereum smart contracts for Derp ID, enabling transparent wallet score tracking via on-chain transaction history.
- Implemented secure airdrop mechanisms for fair and decentralized token distribution as per score.

- Designed and integrated robust admin authentication and blockchain security measures to safeguard user funds and data.

BAD NFT (Tax loss harvesting), Pedals Up

Blockchain Developer

- Designed and implemented a secure, transparent smart contract on BADnft, enabling bulk sale of NFTs in single transactions, minimizing gas fees and maximizing cost-efficiency.
- Developed and deployed a gas-efficient smart contract, facilitating NFT transfer to Admin wallet with minimal Ethereum network costs.
- Implemented bulk transfer/sale functionality within the smart contract, significantly reducing user gas expenses.
- Ensured smooth user experience with NFTs on OpenSea and wallets through optimized smart contract features.

EthDead, Pedals Up

Blockchain Developer

- Developed and launched Solana-based tokens for EthDead project, ensuring smooth distribution.
- Integrated Twitter login for user participation, requiring mentions to @EthDead for eligibility.
- Implemented Web3 features, enhancing blockchain integration and user experience in token management.

Derpad, Pedals Up

Solidity Developer

- Developed novel IDO mechanism with meme token contributions, enabling fair distribution and tying token claimability to sale performance.
- Implemented automated liquidity provision, ensuring platform stability and extended LP lock-up.
- Deployed robust anti-bot measures, fostering a fair and secure trading environment.
- Launched 12 unique meme tokens, each with distinct purpose and identity.
- Streamlined IDO process, participant allocation based on predefined criteria.
- Attracted projects like \$DERPAD for IDO launch, contributing to Derpad ecosystem growth.

Santacoin, Pedals Up

Full Stack Developer

- Integrated Twitter and Phantom wallet for a smooth sign-up experience.
- Implemented transparent winner selection algorithm for hourly giveaways.
- Developed secure token smart contracts for reliable and tamper-proof rewards.

Game Planet, Pedals Up

Blockchain Developer

- Enhanced ecosystem security through robust security measures.
- Balanced IDO token allocation scheme balancing VeGPX and investment for fair distribution.
- Empowered clan governance with VeGPX-based voting.
- Reduced VeGPX airdrop space complexity from $O(N)$ to $O(1)$ by utilizing Merkle.
- Developed escrow voting functionality for blockchain systems.
- Increased engagement with daily Shard Yield and user-friendly Token Generation Event (TGE) share purchases.

ZKX, Ansoarbit Technolabs

Full Stack Developer

- Developed a user-friendly and responsive trading interface using Next.js, providing a seamless experience for users across various devices.
- Implemented custodial wallet functionality within the platform, enabling users to create and manage their accounts directly.

- Integrated cutting-edge Zero-Knowledge Proofs for heightened user privacy.
- Integrated with Starknet and Starkway to facilitate gasless trading and efficient on-chain settlements.
- Contributed to the development of smart contracts for order management, margin handling, and secure asset custody.
- Collaborated with cross-functional teams including designers, backend developers, and product managers to ensure successful project delivery.

Education

GOVERNMENT ENGINEERING COLLEGE MODASA

Bachelor of Engineering (BE), Computer Engineering
74.6%

Modasa, Gujarat
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