

Rashi

Blockchain Engineer

github.com/rashi-365 | candidates.intervues.club/u/rashi

SUMMARY

Blockchain Engineer specializing in smart contract development, protocol design, and decentralized applications. Experienced in building custom EVM protocols, automated market makers, and blockchain analytics systems. Strong background utilizing Solidity, Web3 tools, and security frameworks.

EDUCATION

DES Pune University · Bsc. · 2027

SKILLS

Languages and Frameworks: CSS, HTML, Java, JavaScript, Python, Solidity, TypeScript, ethers.js, Hyperledger Fabric, OpenZeppelin, React

Databases: MongoDB

Tools: Access Control, Distributed Systems, ERC-20, EVM, Foundry, Git, GitHub, IPFS, MetaMask, Multisignature Security, Remix

PROJECTS

EduRent Protocol

Designing a three-contract fractional real-estate protocol consisting of PropertyFactory, EduRentFractionalToken, and EduRentMarketplace. Architected a three-contract fractional real-estate protocol utilizing PropertyFactory, EduRentFractionalToken, and EduRentMarketplace. Engineered a comprehensive Foundry test suite to ensure robust contract security and performance using Solidity and OpenZeppelin standards.

Solidity, Foundry, OpenZeppelin

VASP Attribution Engine — SIH 26182

Building a prototype system, with a team, for automated attribution of unknown cryptocurrency wallets to the nearest Virtual Asset Service Providers (VASPs). Collaborated with a team to build a prototype system for automated attribution of unknown cryptocurrency wallets to nearest Virtual Asset Service Providers (VASPs). Integrated blockchain intelligence APIs to process chain analytics and identify targeted wallet attributes.

Blockchain Intelligence APIs

<https://sih26182.onrender.com>

AMM DEX

Developing a decentralized exchange based on an automated market maker model. Developed a decentralized exchange based on an automated market maker model to facilitate token swaps, liquidity pools, and automated pricing. Implemented frontend and smart contract interactions using Solidity, Web3, and JavaScript.

Solidity, Web3, JavaScript

Additional projects: National Police Criminal Record Ledger

AWARDS

Publication: MerkleAudit: A Merkle Tree-Based Blockchain Framework for Tamper-Evident Audit Logging in Digital Record Systems, Certificate of Publication : MerkleAudit: A Merkle Tree-Based Blockchain Framework for Tamper-Evident Audit Logging in Digital Record Systems