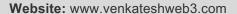
Blockchain Engineer VENKATESH RAJENDRAN

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PROFILE SUMMARY

Tech Lead and Blockchain Engineer with **4+ years** of work experience in developing secured smart contracts, backend infrastructures, decentralized applications and has extensive expertise in various blockchain use cases such as **GameFi**, **DeFi**, **NFTs**, **Account Abstraction**, **Governance**, **Web3 Social**, **NFT Marketplace** and etc.

SKILLS

Blockchain: Smart contracts, Hardhat, Foundry, Anchor, Ethers.js, Security audits, Static analysis, Fuzz & Invariant Testing, Subgraphs, Account Abstraction, EVM, Solana, Alchemy, Moralis, Tenderly and etc.

Backend: Nest.js, Node.js, Express.js, Rocket.rs, GraphQL, MongoDB, PostgreSQL, Redis, AWS, RabbitMQ, etc.

Frontend: Next.js, React.js, Redux, Apollo, Tailwindcss, RTKQuery, Web3 wallet & contract integrations, etc.

Programming languages: Solidity, Rust, Typescript, Javascript, Yul.

WORK EXPERIENCES

OP GAMES | TECH LEAD - FULL STACK WEB3 DEVELOPER

April 2022 - Present

- Built an Al and Web3 powered decentralised protocol which makes an NFT into NPC for GameFi projects.
- Led the cross functional team on building a web3 tournament protocol which enables crypto payments, token rewards, on-chain tournaments and various gameplay mechanics for web3 games.
- Architected the web3 tokenization models and built an omnichain ERC20 tokens with various features such as Staking Rewards, Vesting, Token Locks and Governance via LayerZero stack.
- Built an secured and complex customizable & equippable NFT with in-game avatar builder for the gameplay
 mechanics along with the accumulation of on-chain points and badges via ERC6551 tokenbound accounts.
- Performed an inhouse security audits and gas optimization and coordinated along with external audit teams.
- Architected and built several off chain infrastructures and data indexers for our web3 games to support single player and multiplayer web3 game mechanics.
- Architected and built autonomous backend systems with the help of Chainlink and Account abstraction to automate on-chain game mechanics, nonce and gas management system with paymasters and user operations.

METAVERSE VENTURES | TECH ADVISOR - BLOCKCHAIN Decembe

December 2022 - Present

- Leading the development team on building the omnichain DeFi swap protocols which includes OTC swap,
 NFT swap and Dex swap with the help of Zetachain EVM.
- Leading the development team on building a **GameFi protocol** which provides web 3 education, **web 3 social** media for games and various **on-chain quest and rewards** for web 3 game monetization.
- Leading the enitre tech team on various fronts such as smart contracts, backend and frontend development to develop innovative web3 applications.

SPRINGWORKS | BLOCKCHAIN DEVELOPER

November 2020 - April 2022

- Led the backend team on building an on-chain secondary music concert NFT ticket selling marketplace.
- Built a decentralized **on-chain profile and reputation HR system** that tracks and provides proof or attestation of the user's work experience and reputation for employment.

EDUCATION

Bachelor of Engineering - Computer Science Anna University, 2017 - 2021