JAYAKUMAR S

Chennai,Tamil Nadu-600019

📞 (+91) 9080653079   ✉ jayakumargowtham2812@gmail.com   in Linkedin   Github   Website   Blog

Technical Skills

Languages : Solidity , Yul , JavaScript , Python , Rust .
FrameWorks : Node js , Web3 js , Ether js , React js , Next js .
Tools : Foundry , Hardhat , Truffle , Brownie , Remix , Slither , Echdina .

Experience

GuardianLink   **Mar 2022 - Present**
Blockchain Developer   *Chennai,Tamilnadu*
- **Research and Implementation of Raffling,ENS, EIP-998, Variety of Dutch auctions, Variety of ERC-721**.
- **NFT Drop using merkle tree authentication and Raffle mechanism for random allocation**.
- NFT CI/CD pipeline **Automated** scripts for **Metadata generation, Image stitching, Rarity plots.**
- **Designing architecture** for **Smart Contracts** and **researching new EIP's and ERC's** .
- Deployment and Integration of **Governance Smart Contracts**.
- **Gasless Meta transactions -** Dapp which allows users to pay fees in any ERC20 token instead of native ether
- **Research and Implementation** of **Prediction** smart contracts for betting platform similar to pancake swap and adding custom features such as **automated house bets and automated funds collection**.

D-Frame   **Mar 2022 - May 2022**
Blockchain Developer - Part Time   *Remote*
- **Engaged with the analysis of Blockchain storage solutions**(Arweave,Filecoin,Storj)
- Engaged with the Research of data collection via plugins and websites. (Ocean Protocal,Brave browser)
- Mentored web2 developers transition towards web3.

Blockchain App Factory   **Sep 2021 - Nov 2021**
Blockchain Developer Intern   *Chennai,Tamilnadu*
- Engaged with Internal **Smart Contract Auditing** and **Research** of new frameworks and tools.
- Proficient with **TDD , Attack-Vector Smart Contracts and Security tools.**
- **Decreased deployment fee and gas fees by 30%** by optimizing and restructuring code flow.
- Developed automated script in Typescript which queried **10000+ random numbers continuously without any breakage** with help of **ChainLink oracle in Polygon Mainnet.**
- Engaged with **Token Bridge(ETH-BSC)** with Burn and Mint Interfaces and utilized **Web3 js** for **listening events**.

BYTEX   **Aug 2021 - Sep 2021**
Blockchain Developer Intern - ⊙   *Remote*
- Created Two **ERC20 Tokens and a De-fi Staking smart contract** entirely from scratch.
- Integrated above mentioned smart contracts with an attractive **front-end with a Complete test suite.**

Projects

EVM Storage Slot Reader (Open Source) - ⊙ **-** Live
- It is used to get decoded values from storage slots on the fly for both verified and unverified contracts.(EVM compatible chains)

Proof-Of-Stake(Prototype) - ⊙
- **P2P connection established,Nodes automatically sync with each other** when a transaction is posted.
- **Implemented Block validation,Signature Validation,Transaction Validation and POS consensus protocol.**
- **Created API endpoints for Blockchain state, Info , Transaction pool and Transaction.**

WEB 3.0 Mini Projects :
- NFT-Marketplace ⊙ - Live   , Marketplace(Online Course Platform) ⊙ - Live

WEB 2.0 Projects:
- Weather App ⊙ - Live , Chat App in node js ⊙ - Live , Task Manager app ⊙ , Chat app in Rust - ⊙ .

Achievements

- Won Multiple Bounties at ETH INDIA Hackathon 2022 ⊙ - Live
- Selected as top 5 projects in Starknet Inida Hackathon 2022 ⊙ - Live
- Completed challenges like Damn Vulnerable De-Fi - ⊙ , Rare Skills Gas-puzzles - ⊙ .