Akhilesh Goswami

Bangalore, India | (+91) 6261753314 | [LinkedIn](#) | [Github](#)

SKILLS

Languages/Frameworks: C++, Python, JavaScript, Solidity, React, Django, Node js, familiar with (SQL, Java, Kotlin, Go)
Tools and Technologies: AWS, Jenkins, Nginx, Docker, Jira, Slither, Hardhat, VIM

WORK EXPERIENCE

Treflo   **Bangalore, India**
Software Engineer   Sep 2023 - Present
- I Ran the ETH POS on **EC2** using **GETH** and **Pyrsm** and performed reading and writing on Goerli blockchain using eth also created a script to directly deposit 32ETH into the Beoan chain smart contract without using ETH launchpad.
- I have explored various blockchain projects like **Beacon Chain**, **Lido Finance**, **Block Validator, Obol Network, Synthetix, and GMX.** I investigated ways to prevent attacks like MEV bots, Sandwich attacks, and Flashbots.
- Build a trading system with Synthetix and DYDX. Also Used Purefi Smart contracts for on-chain/off-chain KYC.
- Experienced with **Web3Auth, Hyperledger Fabric, Custodial Wallet, Private Blockchain.**
- Developed APIs in **Node.js** and solved **bugs** in both front-end and back-end systems.

Cruize Fianace   **Remote, India**
Software Engineer   June 2022 - Mar 23
- Built the **Django** backend API that handled **10,000+ r/m**. Performed Load API testing using Locust and Interagent, and integrated Dydx Backend APIs with Cruize Backend. Used AWS and NGINX for deployment and **Jenkins** for CI/CD pipelines.
- Explored and documented DeFi and perpetual protocols such as **FTX**, **DyDx**, **Ribbon Finance**, and **Binance.** Documented APIs and Solidity code for **Cruize Finance**. Contributed to Cruize Protocol contracts, especially focusing on Delegate call and **Proxy contracts**. Deployed Cruize Finance Contract main-net and test-net versions on various Chains such as **Arbitrum**, **Gorli**, **Mumbai, Polygon**

Novvr   **Remote, India**
Software Engineer intern.   Feb 2022 - May 2022
- Researched Chainlink services, ERC20, ERC721, and ERC721A token standards, and wrote detailed documentation.
- Researched Blockchain development testing tools such as Hardhat, Truffle, Slither, Chai, ethers, Web3.js etc.
- Worte front-end using Angular and backend APIs using Node.js.
- Developed a unique ERC721 token that supports Lazy minting and integrated it with front-end technologies.

PROJECTS

CryptoState [link](#)   **Solidity, Hardhat, slither, React, Ethereum**
> CryptoState is a Blockchain-based project that solves many problems of the current Real estate system, makes it more secure, and makes buying and selling property easy. It is based on the concept of the **Non-Fungible Token** Marketplace treats the property as NFT and Uses ERC721 Token to build its all functionality.

VTUBE [link](#)   **Node. js, Javascript, Postman, MongoDB, Mongoose**
- Built Vtube, a video streaming platform using Node.js, Mongoose, and MongoDB. Developed a robust backend, designed a streamlined database model, and enabled users to upload, delete, watch, and comment on videos. Implemented features like watch history, playlists, and likes for a seamless user experience.

ACHIEVEMENTS

- Secured 27th rank on Geeks for Geeks among all 1000+ RGPV students.
- **Chainlink hackathon -** I worked in a team of four developers. We wrote and integrated a smart contract for a DeFi protocol using Chainlink price feeds, enabling users to protect their volatile assets against market volatility.
- **Buildsapce hackathon -** I played a key role at Build Space in creating a safe health record project. I focused on encryption and decryption nodes, crafting a system that kept user health data private using end-to-end encryption.
- **HackCBS 2.0 -** worked as a team lead, and built a DeFi real estate application that leverages smart contract technology to solve common real estate problems.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya   **Bhopal India**
Computer Science and Engineering   Cumulative CGPA: 7.89