Priyanshu Rajput

https://pri-3x.github.io/Priyanshu-Portfolio/

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Education

NC Jindal Public School — **2004 − 2018**
PCM — *Punjabi Bagh, New Delhi*

Dronacharya College of Engineering — **Sep. 2018 − May 2022**
Bachelor of Science in Computer Science — *Gurugram, Haryana*

Experience

Redbelly Networks — **March 2024 − Present**
Blockchain Developer — *Remote*
- Contributed to SEVM (Scalable Ethereum Virtual Machine) codebase, working on components such as reconfiguration, block revival, gas module and genesis smart contracts
- Contributed to upgradeable smart contracts and created CI/CD pipeline with automated PR checks and upgradeability verification
- Developed NodeOnboardingContract for managing node registration, governance, and network topology
- Implemented comprehensive load tests using Minikube to measure blockchain performance (TPS, latency, block time) across varying network configurations
- Collaborated in a technical debt team to identify and resolve critical, high-priority, and blocked bugs in the Redbelly blockchain system
- Improved test coverage by 80 percent by developing and implementing detailed unit test cases and intergration test cases.

Grow Digi Pvt.Ltd — **December 2022 − March 2024**
Blockchain Developer — *Noida*
- Build the backend for Jumbochain explorer (https://jumboscan.jumbochain.org/), the explorer retrieves raw data from the jumbochain nodes, including transaction details, block information, and other relevant data and then it is parsed and organized into a format that can be easily presented to users.
- Implemented POS (Proof-of-Stake) consensus mechanism for JumboChain's beta version, incorporating stakes and four additional parameters, successfully deployed and launched it on the live beta version of JumboChain.
- Part of the team responsible for developing and deploying Fractional NFTs on our chain.
- Successfully mananged a team of 3 fellow developers to design the infrastructure and developement of the ProtoJumbo explorer, with end to end testing of the chain and its services.

Queppelin Technologies — **Jan 2022 − December 2022**
Blockchain Developer — *Gurugram*
- Developed a social media platform that allows users to view their NFTs, mint posts as NFTs, read blogs, and post content on the blockchain.
- Created an e-commerce DApp where users can sign in, purchase inbuilt tokens with Metamask, and buy NFTs using the tokens. Users can also view their NFT collections.
- Contributed to the SuperMarket project, a Unity and Blockchain-based application where users can explore a virtual supermarket, view item details on a webpage, and make transactions using Metamask.
- Learneed Solidity programming, implementing and deploying ERC Tokens (20, 721, 1155) on testnet using the Hardhat framework
- Forked Uniswap V2 to create a multi-token swap project
- Developed comprehensive documentation for internal projects

Projects

Cloudchain | *Solidity, React, Web3.js, Infura*   **https://github.com/pri-3x/CloudChain**
- This project facilitates decentralized image upload and sharing on the blockchain using Solidity for the smart contract and React for the front-end interface. It enables users to securely upload images to IPFS (InterPlanetary File System) and share access with specified users through smart contract functionality.

Kosh | *TypeScipt, Ethereum, Solana*   **kosh-wallet.vercel.app/**
- Kosh (referring to a "vault" in hindi) is a React functional component designed to generate and manage cryptocurrency wallets. It supports both the generation of new wallets and the entry of existing recovery phrases.

Technical Skills

Languages: Golang, Solidity, Typescript, C++, HTML/CSS, Node.js SQL, Rust
Developer Tools: VS Code, Eclipse, AWS, Docker, gETH, gRPC, GraphQL
Technologies/Frameworks: Hyperledger Fabric, PostgreSQL, MySQL, Hardhat, Kubernetes, Solana