Harsh Prakash

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SUMMARY

Web3 developer with 1 year of experience in software engineering, micro services, smart contract and web development. Proven ability to troubleshoot and resolve complex technical problems. Experienced in developing code in scripting languages. Applying for a position as smart contract or backend engineer to leverage skills and experience in developing innovative solutions.

EXPERIENCE

Intern – Engineering
CoinDCX   **January 2023 –June 2023, Banglore, India**

· Improved Blockchain scanner written in TypeScript which scanned for ERC20, ERC721 and ERC1155 token transfers using solidity events.
· Contributed to Okto wallet's user portfolio service which kept track of user's web3 portfolio by tracking their transactions on blockchain.
· Developed and deployed NFT minting smart contracts and integrated it into existing infrastructure to mint NFT to 1000s of our users.
· Led the development of a Generative Art Library, which generated NFT images from layers and a backstory for the NFT character using Chat-GPT.
· Reduced Mean Time to Resolution (MTTR) for production incidents by 50% using Grafana dashboards alerting and PagerDuty.

Web3 Developer
Dyeus   **March 2022 – May 2022, Delhi, India**

· Played a key role in smart contract development and seamless frontend integration for a Web3 game.
· Contributed to a real-time game which users can play by paying ERC-20 tokens on Harmony chain.
· Improved crypto payment system and reduced customer complaints by 75%.
· Solidity · Hardhat ·Typescript · Ethers.js · Web3.js · NodeJS · Postgres.

PROJECTS

Stroller Protocol: Automatic top-up for SuperFluid super-tokens
Road To Web3 · February 2022 – February 2022

· Built a Top-up service on Polygon which automatically converts ERC20 tokens to super-tokens by leveraging ChainLink Keepers, enabling users to maximize their assets' value by 5-20%.
· Recognized and awarded 4 bounties from ChainLink, SuperFluid Finance, and other esteemed sponsors.
· The smart contracts also passed audit with zero critical vulnerabilities.
· Technologies used: React, Chainlink Keepers, SuperFluid, Moralis SDK, Solidity.

Shatranj: Staked Chess Game on Polygon Blockchain
Buidl IT Hackathon · November 2021 – December 2021

· Spearheaded the development of an engaging chess game with a unique staking mechanism on the Polygon Blockchain, empowering players to bet platform tokens and win coveted NFTs.
· Technologies used: React, Moralis SDK, Solidity, Hardhat, stackOS, Docker.
· Implemented smart contracts in Solidity to facilitate seamless betting, user's ELO tracking, NFT minting and reward distribution.
· Honored with the Best Chess dApp recognition by Samay Raina and awarded the Best dApp title by StackOS.

EDUCATION

Bachelor of Technology, Computer Science and Engineering
Indian Institute of Information Technology, Pune · Pune, India · 2023

COURSEWORK

Blockchain
Indian Institute of Information Technology, Pune · 2022 · Solidity, Web3,
I won quite a few web3 hackathons and received recognitions from companies like ChainLink, SuperFluid, Polygon, StackOS, Celo foundation etc.

SKILLS

Web3 Development: Solidity, Hardhat, Foundry, EthersJS, Web3JS

Web development: Javascript, Typescript, Node.js, React, PHP, HTML, CSS, Figma

Database: MySQL, Postgres, MongoDB, Google Firebase Firestore, Redis