Yash Thipsay

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Education

Program	Institution	%/CGPA	Year
B.Tech. (Instrumentation Engineering)	Vishwakarma Institute of Technology	**8.7/10**	2021-25
Class 12 (Science)	Namo Rims Jr College	**92/100**	2020-21

Experience

Rookie @ Polkadot Developers Program   **September 2023 - Ongoing**

A mentorship program for developers programming in the Polkadot ecosystem   ⓞ

- **Rust:** Develop low-level Rust application, develop a file compressing/zipping folder with Rust modules. Create and develop Rust applications supporting the Polkadot ecosystem
- **Polkadot Blockchain:** Researching Polkadot blockchain. Learn how to communicate with parachains with the Polkadot mainchain using XCM communication method.
- **Tools and Technologies:** Rust, Substrate, Polkadot

Projects

1. *Nivesh Token*   ⓞ | **Repository Link**

- A **Blockchain storage** application based on **Web3** ideals which provides a web3/IPFS based certificate for users who contribute or invest in a crowdfunding project. Deployed with Thirdweb SDK, uses ERC720 for storing certificate on IPFS
- Uses Hardhat to deploy smart contracts locally. Uses layer 1 Ethereum chain for payments
- *Tech-stack:* **React JS**, **Node JS**, **IPFS**, **Thirdweb SDK**, **Solidity**. **WebRTC**, **Livepeer SDK**

2. *MedBlocks DAO governance*   ⓞ

- A hackathon project created for making medical services decentralized in medical institutions and infrastructure. MedBlocks is a Decentralized autonomous organization used to governance in medical infrastructure, for eg, hospitals and research labs.
- Utilized Ethereum for deploying voting and timelock contract **(deploying voting and governance proposal smart contract)**.
- Uses ERC20 tokens for giving governance and proposal stake to users .
- *Tech-stack:* **Hardhat**, **Ethers JS**, **Solidity**, **Ethereum**

3. *Co-founding startup Polysig*   ⓞ

- **Polysig** is a robust and secure Multi-Signature (Multi-Sig) Wallet system along with an integrated API for interacting with the Uniswap decentralized finance (DeFi) protocol. The project encompasses the creation of a Multi-Sig Wallet that enhances security through multi-factor authorization, coupled with an API that facilitates seamless token swapping on the Uniswap platform.
- *Tech-stack:* **Hardhat**, **0x swapping protocol**, **Python**, **Typescript**, **Ethers JS Polygon blockchain**

Technical Skills

- Programming Language: Java, C, C++, Rust, Typescript, Javascript, HTML, CSS, Solidity
- Database System: MySQL, MongoDB, IPFS, libP2P, web3.storage
- Others: Ethereum, Polygon, ZkSync, Git, React.js, Next.js, Node.js, Ethers.js, Web3.js, wagmi.js

Achievements and others

- I am a rookie at Polkadot Developers Program (Polkadot).
- I am vice-president of Microsoft Learn Student Club (MLSC), VIT Pune, a student community that conducts boot-camps and inter/intra-college hackathons.
- 3x hackathons - Hackspiration, ETH-global superhack, Smart India Hackathon(university).
- Hacktoberfest 2023 contributorGitHub

- I write technical blogs and informative tweets on Hashnode and Twitter.
- Web3 researcher and smart contract auditor - contract security and solidity contract testing