

PINYA POTICHAICHIN

+6682-052-0059 | prupinya1@gmail.com | [linkedin.com/in/pinya-p](https://www.linkedin.com/in/pinya-p)

PROFESSIONAL SUMMARY

Evolved from Web2 to Web3 with direct experience in blockchain development. Building a strong foundation in blockchain technologies. Gained practical experience in writing and deploying smart contracts, while actively contributing to full-stack decentralized application (dApp) development. Well-versed in core blockchain architecture. Known for rapid adaptability and a passion for exploring cutting-edge innovations in the Web3 space.

CORE COMPETENCIES

React | Next.js | Tailwind CSS | Wagmi | Viem | Ethereum tools | Solidity | Remix Foundry | Solc | Subgraph - The Graph | Cloudflare | Vercel |

EXPERIENCE

KRNL Labs (Blockchain Software Engineer) July 2024 - Present

- Explored foundational knowledge of Ethereum, including smart contracts, gas mechanism, and the Ethereum Virtual Machine (EVM).
- Developed projects, including Solidity smart contracts and dApp demos using React, TypeScript tailored for business partners with private repositories and general users with public repositories.
- Developed a Proof of Concept (PoC) to demonstrate token issuance (ERC-20), NFT minting and metadata management (ERC-721), and smart contract signature validation (ERC-1271).
- Used Hardhat and Remix IDE for contract development, testing, and deployment to Ethereum test networks.
- Contributed to the development and ongoing maintenance of the KRNL Platform, focusing on performance optimization, feature enhancements, and bug resolution.
- Developed KRNL Sandbox using Scaffold-ETH
 - Built a demonstration platform for the core product
 - Designed and implemented user-focused tools to improve usability, including:
 - Custom chain block explorer
 - Encode/decode utilities for smart contracts
 - Contract deployment interface inspired by Remix IDE using Solc
- Worked with The Graph protocol to design subgraphs, customize entity schemas via GraphQL, and implement new mappings to support features like whitelisting.
- Performed automated testing using Synpress and Playwright, and implemented a wallet cache system for use in CI/CD pipelines.

Finnomena (Backend) Internship | Jan, 2024 - May, 2024

- Led the creation of a new API version using Golang, aligning with RESTful best practices and improving system modularity.
- Executed database migrations and seeders to ensure smooth data transition and test environment readiness.
- Engineered backend logic and integrated secure, scalable APIs for enterprise-level applications.
- Utilized Golang to implement a new version of internal APIs and backend services.

Accenture Internship (Front-End) Internship | June, 2023 - August, 2023

- Creative and detail-oriented Front-End Developer with hands-on experience in designing and developing high-quality, responsive, and scalable mobile and web applications using Flutter. Skilled in leveraging the Flutter framework to build cross-platform solutions that deliver seamless user experiences on both Android and iOS.

EDUCATION

2020 - 2024 | Thammasat University

Software Engineering Thammasat University Programmes of Innovative Engineering