

VIETTHANH SAI

Full Stack Blockchain Developer

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WORK EXPERIENCE

Senior Blockchain Developer

07/2022 - 03/2024

RMRK

- Contributed to NFT Marketplace, a widely adopted platform in the blockchain ecosystem, utilizing Solidity smart contracts, Rust programming language, Candy Machine -v3 technology, and Metaplex framework.
- Developed a Cross-Chain AMM/DEX platform from scratch using Cosmos SDK, Bifrost protocol, Maya chain, and TSS consensus algorithms.
- Developed the DePIN project analytics site utilizing GraphQL, Apollo, Dune Query, Cron Job scheduling, Redis caching, MonoRepo architecture, and Atomic design leveraging a broad network of connections with CEOs.
- Created a launchpad site for a new SUI token, FISHCOIN, and FISHNFT using NextJS, TailwindCSS, Move for Smart Contracts, and SuiKit for frontend integration.

Blockchain & Full Stack Developer

03/2020 - 06/2022

DeSo

- Developed a Decentralized Exchanges platform using Typescript, Solidity, Ethers.js, Uniswap V3, Smartrouter, Cross chain, Subgraph, C# and .NET framework.
- Established the backend infrastructure using Golang, Fiber framework, Redis for caching, Gorm ORM for database interaction, Air for live reloading, Zap for logging, Docker for containerization, and designed the database schema.
- Created Smart Contracts for smart wallets incorporating Account Abstraction ERC- 4337 standard, Metakeep functionality, and implemented in Solidity.
- Collaborated in an Agile environment with regular team meetings facilitated through Slack for communication, Jira for project management, and Google Meet for virtual meetings.

Full Stack Developer

10/2018 - 02/2020

Chainos Solution JSC

- Collaborated on the development of the user interface (UI) using ReactJS, ensuring a visually appealing and user-friendly experience for platform users.
- Spearheaded the development of a user-friendly web interface for the DEX platform utilizing NextJS, ensuring seamless navigation and optimal user experience.
- Engineered the backend infrastructure using Solidity smart contracts and Subgraph to facilitate efficient and secure transactions on the Ethereum blockchain.
- Employed Redux for robust state management, integrated TailwindCSS and Material UI (MUI) for sophisticated UI styling, enhancing the platform's visual appeal and functionality.

LANGUAGES

Vietnamese ●●●●●

English ●●●●●

SKILLS

Blockchain

Solidity / Hardhat / EVM ·
Smart Contract / Web3 ·
Rust / Solana / SEI ·
Cross Chain / Cosmos / Bifrost ·
Uniswap v2 / v3 ·
NFT / ERC1105 / ERC404 ·
TheGraph / Subgraph ·

Trading / MEV / Bot ·

Hardware Wallet / Smart
Wallet

Telegram Airdrop Bot

Front-end

Typescript / Javascript ·
React / NextJS v13 / v14 ·
TailwindCSS / MUI / RadixUI ·
Figma / Adobe XD ·

Redux / Zustand / Jotai ·

VueJS / NuxtJS

Back-end

NodeJS / Express / NestJS ·

Rust / Axum ·

GoLang / GoFiber / Gorm ·

Python / Django / Flask ·

C# / .NET / Blazor ·

GraphQL / Apollo ·

PostgreSQL / MySQL ·

Redis / MongoDB ·

Prisma / TypeORM

EDUCATION

Bachelors of Computer Science

09/2014 - 07/2018

Hanoi University of Science and Technology (HUST)

PROJECTS

Singular

2022

NFT Marketplace

- Role : Blockchain Developer
- Overview : Contributed the development of a multi-chain NFT marketplace, enabling the trading of non-fungible tokens across different blockchain networks. We implemented advanced solutions to support multi-chain functionality and enhance user interaction.
- Tech Stack : TypeScript, Solidity, Rust, Ethers.js, Ethereum, Solana, Multi-Chain
- Outcome : Our project transformed the NFT landscape by offering a versatile platform for seamlessly trading digital assets across multiple blockchains.

🔗 <https://singular.app/>

HeroSwap

2020 - 2021

Decentralized Exchanges(DEXs)

- Role : Senior Full Stack Developer
- Overview : Led the development of a cross-chain swap project aimed at facilitating seamless asset exchanges between different blockchain networks.
- Tech Stack : Next.js, NextUI, Node.js, TypeScript, Solidity, Ethers.js, Wagmi, Jira, Cross Chain, GraphQL, Apollo, SubGraph, Python, C#, .NET Framework
- Outcome : Improved accessibility to decentralized finance (DeFi) by providing a reliable platform for cross-chain swaps.

🔗 <https://heroswap.com/>

MarsNext

2019

DeFi Dapps, DeFi Yield Farming platforms

- Role : Full Stack Developer
- Overview : The platform focuses on providing innovative yield farming opportunities to users, enhancing their returns on digital assets.
- Tech Stack : GraphQL, TypeScript, Solidity, React.js, MUI, Web3.js
- Outcome : Empowered users with lucrative yield farming options, maximizing their returns in the DeFi space.

🔗 <https://marsnext.io/>

SKILLS

Other

Agile Methodology ·

Jira / Kanban / Scrum ·

Docker / Kubernetes ·

GitHub / GitLab ·

AWS / Azure / Google Cloud ·

Firebase

CERTIFICATIONS

Certified Smart Contract Developer - 2019

Obtained from 101 Blockchains

Certified Web 3.0 Professional (CW3P) - 2020

Obtained from Blockchain Council