

Vinh H. Le

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Experience

Caliber team, Kyber Network | Hanoi

April 2023 – Present

Industry-leading multi-chain crypto trading/liquidity hub connects liquidity from different sources to enable trades at the best rates

BLOCKCHAIN DEVELOPER

- Architected and implemented decentralized cross-chain messaging and bridging solutions, **significantly enhancing transaction efficiency** and fostering **increased cross-chain activity**.
- Pioneered the development of open-source community projects such as FriendTech Explorer, ETH Faucet, DoveBTC, and ProofScan, contributing to **15% growth in community/developer engagement and adoption**.
- Optimized network node management, token staking, and testnet participation processes, ensuring a **99.99% uptime** and significantly enhancing blockchain application robustness.

Crystalize.dev | Remote

Jan 2021 – May 2023

Outsource audit/web3/smart contract development firm

BLOCKCHAIN DEVELOPER

- Engineered functional DApps, including DEX, NFT collections, and DeFi protocol, which collectively facilitated over **\$2M in transactions** and attracted **10,000+ users** globally.
- Mentored junior developers, improving the **team's efficiency by 20%** and accelerating project **delivery timelines by 15%**.
- Led security audits, using Slither/Echidna and manual verification, identifying critical vulnerabilities in **15+ contracts**, safeguarding over **\$1M in assets** from potential exploits.

Cystack | Hanoi

Nov 2022 – April 2023

Vietnam's leading cybersecurity company providing smart contract audit, pentest, vulnerability management, bug bounty hubs

BLOCKCHAIN DEVELOPER / AUDIT ASSOCIATE

- Devised a route-finding algorithm that **decreased swap transaction costs by 18%**, directly enhancing user experience and protocol efficiency.
- Audited and secured multiple GameFi, Dex, NFT, and Upgradable Proxy contracts, contributing to a **15% increase in client retention and trust**.

Spores Network | Hanoi

July 2022 – Sep 2022

TECHNICAL RESEARCH ANALYST

A \$3-million valuation blockchain company embracing Launchpad, Incubator, GameFi/Metaverse publisher and Venture Capital

- Researched and reported notable and applicable features, implementations from renowned published and audited contracts, protocols (DeFi, NFT, Launchpad, Marketplace) for company's products usage.
- Analyzed market and financial data, influencing strategic investment decisions, **yielding a 25% ROI** across targeted projects.

Projects

Kyber Swap

Industry-leading **DEX aggregator** with **superior token prices and AMM** with superb **liquidity protocols and concentrated liquidity**

Cega Finance

DeFi's leading **structured investments protocol**, offering **safer, higher yield strategies** on a range of stablecoins and alternative assets such as ETH, stETH, WBTC and more.

Dove: A Multichain Computer/DoveBTC Decentralized Cross-chain Bridge

Multichain **messenger** provides **timestamp/unique ordering** of arbitrary events **between BTC and EVM-based chains**, solving the general problem of **decentralized timestamping of arbitrary, user-defined events** across all publicly accessible data sources. Consists of **DoveFlock (observers)**, **DoveVM** (EVM supporting majority t-BLS aggregation signature), **DoveChain** (PoW chain).

ZKEnergyCrowdFunding

Award-winning crowdfunding platform for renewable energy projects with ZK for private compliance check at **EthGlobal Sydney 2024**. Implemented **Circom zkSnark circuits** to verify projects' credentials, along with **WorldID** to prevent Sybil attacks in **quadratic fundraising**. Applied **Base's Account Abstraction Smart Wallet** to provide passkey wallet with gasless transactions.

Skills

Programming: Golang, Solidity, GraphQL, Rust, React/Next TypeScript, NodeJS, Python

Frameworks: Hardhat, Express, OpenZeppelin, Truffle, Slither, Echidna (Testing), Foundry, scaffold-eth

Work-related skills: Web development, Smart contract development, On-chain data process and feeder, Proficient with DeFi, Upgradability pattern, ZKP development, Geth, Project management and execution, Database

Education

Bachelor of Computer Science | VinUniversity | Hanoi

GPA 3.76/4.00