

# Viet Hoang Quoc

Blockchain & AI Software Engineer

Sui/Aptos Move · Rust · Full-Stack

hoangquocvietuet@gmail.com · Hanoi, Vietnam · GitHub · LinkedIn · Codeforces

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## SUMMARY

Software engineer with 2+ years of experience building full-stack products across blockchain and AI. Shipped production systems end to end, from DeFi smart contracts on Sui, Aptos, and BNB Chain to an AI narrative game with 3,000 users. Goes as deep as a problem needs, whether that's protocol design, system architecture, or prompt engineering. Based in Hanoi, graduating June 2026.

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## WORK EXPERIENCE

### InitX

Middle Software Engineer

Mar 2026 - Present

Hanoi

- Architecting the authentication system end to end for a licensed financial product, covering tech stack, service design, and database schema.
- Integrated third-party eKYC partners and banking/payment providers into the core platform.

### Nerd Labs

Junior Software Engineer

May 2025 - Feb 2026

Hanoi, Vietnam (On-site)

- Engineered a BNB Chain token launchpad solo: smart contracts, bonding-curve pricing, and automatic liquidity provisioning on graduation.
- Developed an automated portfolio rebalancer on Sui, aggregating liquidity across venues and executing adjustments inside a hardware-secured (TEE) environment.
- Shipped a Rust arbitrage bot across Kalshi and Polymarket using LLM-based event matching; scaled to a \$10K fund at 0.5% return per cycle.

## Sui Foundation

Sui Workshop Mentor (Part-time)

Aug 2024 - Feb 2026

Hanoi, Vietnam

- Directed 15+ hands-on Sui Move workshops in Hanoi, training 200+ developers from beginner to advanced.

## Topology Inc

Software Engineer (Part-time)

Mar 2025 - Apr 2025

Hanoi, Vietnam (Remote, US)

- Engineered FAFO's real-time communication layer and agent coordination system on top of DRP.
- Prototyped AI-powered atomic swaps between Bitcoin and Ethereum for trustless cross-chain exchange via autonomous agents.

## Topology Inc

Intern

Nov 2024 - Feb 2025

Hanoi, Vietnam (Remote, US)

- Shipped features and fixes across the full codebase of Distributed Realtime Protocol (DRP), a TypeScript/libp2p library for concurrent, memory-level writes using CRDTs across distributed nodes.

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## PROJECTS

### Project Galaxy Solo Developer

- Launched an AI narrative game across 5+ genres for Vietnamese readers, reaching 3,000 registered users, 500 MAU, and 100 paid users. Built it solo: backend, mobile app, web client, and AI pipeline.
- Solved story consistency across hundreds of AI-generated chapters with a layered memory system (relationship graph, semantic search, and rule engine), plus per-genre prompt engineering at production cost.

### x404Pump Team Lead (4 people)

- Won 1st place in the NFTs/Social track at Move on Aptos Hackathon 2024. Launched a permissionless token/NFT launchpad on Aptos with a custom bonding-curve pricing algorithm.
- Led engineering end to end (smart contracts, backend, frontend) as sole technical lead across a 4-person team.

### Kamo Finance Team Lead (4 people)

- Top 4 in the DeFi track at Sui Overflow 2025 (60 DeFi projects out of 599 total).  
Developed a yield-trading platform on Sui that lets users split and trade fixed and variable yield components independently.
  - Owned all smart contracts and frontend; directed architecture decisions across a 4-person team.
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## SKILLS

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| Languages              | TypeScript, Rust, Solidity, Sui Move, Python, C/C++ |
| Frameworks & Libraries | Node.js, Next.js, React, LangGraph                  |
| Blockchain Tooling     | Hardhat, Foundry                                    |
| Data & Infrastructure  | PostgreSQL, Docker, Neo4j, Qdrant                   |

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## AWARDS

### ICPC: Multiple Awards (2022-2023)

2022-2023

ICPC (International Collegiate Programming Contest), organized by ACM, is the world's oldest university-level programming competition, with tens of thousands of teams competing each year. Competitors solve algorithmic problems in teams of 3 under strict time limits.

- Vietnam National 2023: 2nd Prize, 11th / 414 teams
  - Vietnam National 2022: 2nd Prize, 13th / 377 teams
  - Asia Hue Regional 2023: 28th Place
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## EDUCATION

**University of Engineering and Technology, VNU**  
Information Technology (Computer Science track)

Oct 2022 - June 2026  
Bachelor's Degree

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## CONTACT

The best way to reach me is email at [hoangquocvietuet@gmail.com](mailto:hoangquocvietuet@gmail.com). You can also find me on [GitHub](#), [LinkedIn](#), [Codeforces](#).