

Phan Quốc Huy

Fullstack Blockchain Developer

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Summary

Fullstack Blockchain Developer with 4+ years building privacy-preserving dApps, ZK circuits, and multi-chain systems. Shipped production apps on EVM chains with real users and transactions. Thrive in fast-paced startup environments with end-to-end ownership.

Experience

Polypay Fullstack Developer 09/2025 - To Present

- Developed privacy-preserving payroll platform on Horizen using zero-knowledge proofs and Noir circuits, serving **100+ users** and **1,000+ transactions**, adopted by Horizen core team members
- Implemented private multisig functionality protecting signer identities and transaction details
- Built batch payment system and EVM-compatible smart contracts in Solidity
- Created dashboard for organizational payment management and contributor tracking
- Set up CI/CD pipeline with Docker and GitHub Actions, deployed on Google Cloud Platform (GCP)

Links: [App Dashboard](#) | [Documentation](#)

Q3X ICP Application Fullstack Developer 07/2025 - 09/2025

- Built privacy-first multisig platform on ICP supporting 4 chains (Ethereum, Arbitrum, ICP, Bitcoin)
- Implemented Chain Fusion for cross-chain interactions with Ethereum and Arbitrum
- Created and deployed Rust-based ICP canisters with vetKeys for signer privacy
- Built wallet integration system for multichain asset management

Local eCash Fullstack Developer 06/2024 - 07/2025

- Developed comprehensive UI and marketplace for cryptocurrency peer-to-peer trading, facilitating P2P trades over 1+ year of operation
- Integrated smart contracts for blockchain escrow with real-time asset management
- Built Telegram Mini App integration and implemented E2E testing with Playwright

Link: <https://localecash.com/>

Lixi Social Fullstack Developer 12/2022 - 06/2024

- Optimized database queries and Redis caching, improving system performance by 20%
- Developed social features and integrated multiple cryptocurrencies (XEC, XPI, XRG)
- Implemented real-time notifications and messaging using socket.io

Link: <http://lixि.social/>

Sendlotus

Developer

05/2022 - 12/2022

- Built responsive cryptocurrency wallet UI with React for Lotus (XPI) transactions
- Implemented secure wallet creation with mnemonic backup and real-time balance tracking

Link: <https://sendlotus.com/>

ABCPay

Front-end Developer

01/2022 - 05/2022

- Developed multi-platform UI for web, Android, and iOS payment app, supporting 3 platforms
- Implemented real-time exchange rates for XPI/XEC to fiat
- Created backup and recovery features for wallet security

Link: <https://abcpay.cash/>

Skills

- Blockchain & Privacy: ICP, Horizen, EVM Chains, Ethereum, Arbitrum, ZK Proofs, Chain Fusion, vetKeys
- Smart Contracts & Languages: Rust, Solidity, Noir, Canister Development, Smart Contract Security, Web3, Foundry, Hardhat, Slither
- Frontend: JavaScript, TypeScript, React, Next.js, Angular, HTML5, CSS3, PWA, Wagmi, Viem, Ethers.js, RainbowKit
- Backend & APIs: Node.js, NestJS, REST APIs, GraphQL, Socket.IO, Prisma
- Database & Performance: PostgreSQL, Redis Caching, Query Optimization, Database Design, IPFS
- Testing & Tools: Playwright, Git, GitHub, Docker, CI/CD, GitHub Actions, GCP, Linux, Telegram API