

Pham Huy

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FULL STACK RUST DEVELOPER

I am a skilled full-stack developer with expertise in Rust. I have built web applications for education, IoT and blockchain industries. Currently, I am focusing on blockchain security auditing and application development, utilizing my proficiency in multiple programming languages to deliver robust solutions.

KEY COMPETENCIES

Blockchain Development	Protocol Optimization	Data Structures and Algorithms
Rust Programming	Solana Network Expertise	Web3 Development
Smart Contract Development	Backend Development	Substrate Development

PROFESSIONAL EXPERIENCE

Blockchain Developer | SOTATEK.JSC

APR 2020 - Oct 2024

1) Blockchain Development Skills

- Solana: Extensive experience developing decentralized applications, smart contracts, and integrating with Solana's network infrastructure. Delivered projects including DEX contracts (AMM), Pump.Fun contracts, and advanced trading bots.
- NEAR Protocol: Skilled in building scalable and robust solutions on the NEAR protocol, with a focus on smart contract development and decentralized applications.
- Move Language: Expertise in the Move programming language, enabling secure and efficient development on blockchain platforms like Aptos and Sui.
- Substrate: Proficient in using the Substrate framework to build custom blockchain solutions tailored to specific use cases and ecosystems.
- Rust: Highly proficient in Rust, developing secure and performance-optimized blockchain applications, with use cases spanning Solana, Substrate, and other ecosystems.

2) Professional Experience

Solana Projects: Delivered end-to-end solutions, including:

- DEX Contracts (AMM): Designed and deployed decentralized exchanges using Solana's high-performance architecture.
- Pump.Fun Contract: Implemented innovative trading strategies within smart contracts.
- Crypto Betting Game Contract: Built secure and scalable contracts for gaming applications.
- Gamification Contracts: Developed engaging, reward-driven experiences leveraging Solana.
- DeFi Solutions: Engineered staking and farming contracts to support decentralized financial operations.
- Lottery & Raffle Systems: Designed systems to handle secure, transparent, and randomized lotteries.
- Trading Bots: Created sophisticated trading bots like Pumpfun, Trojan, and auto-trading systems to enhance market operations.

Backend Systems:

- Designed and implemented high-performance, secure backend infrastructures with a focus on blockchain integration, ensuring seamless user experiences and reliable business processes.
- Leveraged AWS and DevOps expertise to deliver secure, scalable solutions.

3) Core Expertise

- Blockchain ecosystems, including mining, wallet development, decentralized and centralized exchanges (DEX and CEX), NFT marketplaces, and advanced smart contracts.
- AWS and DevOps: Strong skills in cloud architecture and server-side security to support blockchain applications.
- Solution architecture prioritizing efficiency, reliability, and maintainability for diverse blockchain projects.

Full Stack Engineer | Upwork

Apr 2017- Jul 2024

- Designing and implementing high-performance, secure backend systems using technologies like Node.js, NestJS, and databases like PostgreSQL.
- Proficient in MERN (MongoDB, Express.js, React.js, Node.js), MEAN (MongoDB, Express.js, Angular, Node.js), and LAMP (Linux, Apache, MySQL, PHP) stacks.
- Expertise in PHP, Python, and ASP.NET.
- Skilled in multi-database management and AWS cloud services.
- Thrives in architecting solutions that prioritize efficiency, reliability, and maintainability, ensuring seamless user experiences and business operations.

Solana Projects

- Solana - EVM bridge Smart contract (Smart contract developer, Team size:2)
- Fork Pump.fun smart contract (Smart contract developer, Team size:10)
- Solana SPL Token Payment Smart contract (Smart contract developer, Team size: 1 , Individual client from Upwork platform)
- Solana telegram trading bots like trojan (Trading bot developer, Team size: 2)

EDUCATION

Ho Chi Minh City University of Technology
2011 - 2015

SKILLS

Rust, Move, Substrate, Solana, React, Node.js, JavaScript, ExpressJs, Web3, Blockchain, Dapp Development, NFT Marketplace, Solidity, Smart Contract, Python, MySQL, MongoDB, PostgreSQL, Trading, Cryptocurrency, Angular, Apache, Linux, AWS, ASP.NET, SAP NET.Core