

Devon Nathan
Full Stack Blockchain Engineer

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Key Achievements

- Led development of cross-chain bridges processing +\$1.5 million in volume across EVM chains and Tezos (Ethereum, Etherlink, Avalanche, BSC, Base, Optimism, Arbitrum, Tezos)
- Sole smart contract developer for gaming platform with 125,000 active users and +\$19M USD in NFT trading volume
- Built and deployed high-performance dApps using Layer Zero Omnichain architecture

Professional Summary

Innovative blockchain engineer with extensive experience in smart contract development, DeFi protocols, and full-stack Web3 applications. Proven track record in building scalable solutions across multiple chains, implementing advanced tokenomics systems, and utilizing AI/ML for financial applications. Passionate about advancing blockchain technology for decentralized finance and governance.

Professional Experience

Solutions Architect | Trilitech (2024 - Present)

www.etherlink.com

Built critical infrastructure for cross-chain operations and monitoring:

- Architected comprehensive on/off-chain monitoring system for dApps, enabling real-time tracking of cross-chain transactions in a dashboard
- Implemented cross-chain bridge infrastructure between EVM chains and Tezos, handling +\$1.5 million in volume

(www.etherlinkbridge.com | 0x1f8E735f424B7A49A885571A2fA104E8C13C26c7)

- Developed high-performance liquidity dashboard processing +3500 transactions in 6 months across multiple EVM bridges

(www.etherlinkbridge.com/stats)

Tech Stack: React, Express, TypeScript, GCP, BigQuery, Layer Zero, Ethers.js, Hardhat

Solidity Developer | Level 77 - Blowfish Studios (2022 - 2024)

www.phantomgalaxies.com

Lead smart contract developer for major blockchain gaming platform:

• Architected and deployed smart contract system supporting 125,000 active players and 500,000 NFT owners
• Implemented gasless reward distribution system handling 12,000+ transactions (Polygon: 0xbd662d0d765428a79aee9ae7b003e7037d77f041)
• Designed upgradeable smart contract architecture enabling seamless feature additions
• Built Layer Zero Omnichain token system enabling cross-chain asset transfers
• Integrated gasless transaction system improving user experience
Impact: Generated 1700 ETH (+\$19M) in NFT trading volume
Tech Stack: Solidity, Layer Zero, React, Express, Hardhat, Foundry

Substitute Instructor | 2u Monash University (2022)

- Delivered blockchain programming and AI curriculum to classrooms of 20+ students
- Taught hands-on workshops for smart contract development and machine learning concepts

Blockchain Developer | Panda Siege (2021 - 2022)

Lead smart contract developer for NFT gaming platform:

- Designed and implemented NFT minting system and marketplace supporting multiple token standards
- Built generative NFT system with on-chain metadata

Tech Stack: Solidity, React, IPFS, ERC721/ERC1155

Full Stack Developer | Crypto Fund Me (2020 - 2021)

- Developed NFT-based crowdfunding platform with ENS integration
- Optimized frontend performance resulting in 80% improvement in load times
- Implemented IPFS-based content hosting system

Tech Stack: JavaScript, ENS, IPFS, React

Technical Skills

Languages

- Python, Javascript / Typescript, Solidity

Blockchain Development

- Smart Contracts: Solidity, Layer Zero, ERC Standards
- Development Environments: Foundry, Hardhat, Truffle, Ganache-CLI
- Tools: Geth, Web3.py, Brownie
- Security: Slither, Mythril

Web Development

- Frontend: React, Next.js, TypeScript, Web3.js, Ethers.js, Vue
- Backend: Node.js, Express, MongoDB, MySQL

- Infrastructure: GCP, Github CI/CD, IPFS, Vercel, Render

AI/ML

- Neural Networks (Keras)
- Genetic Algorithms
- Neuroevolution (HyperNEAT)
- Computer Vision

Notable Projects

AI Trading Systems

- Developed MLB & NBA betting predictor
- Created automated futures trading system with comprehensive backtesting framework
- Built CEX and DEX strategy analyzer processing historical market data

Web3 Applications

- Telegram Mini Apps integrating blockchain functionality. Max 20,000 transactions for one day
- Algorithmic crypto trading system with advanced backtesting and forward testing capabilities
- Cross-chain bridge monitoring and analytics tools