

# Devon Nathan

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Lead / Senior Full-Stack Blockchain Engineer (EVM/Tezos) [devonnathan.com](http://devonnathan.com) | [devon.nathan@protonmail.com](mailto:devon.nathan@protonmail.com) | [LinkedIn](#) | [GitHub](#)

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## Professional Summary

Full-stack blockchain engineer with 5+ years delivering production-grade, multi-chain (EVM/Tezos) systems. Strengths in end-to-end delivery across web apps, integrations, monitoring/incident response, and cloud (GCP).

## Key Highlights

- Cross-chain bridge UI + integrations supporting **>\$55M** bridged volume (Tezos  $\leftrightarrow$  EVM)
  - Implemented **fast withdrawals**, reducing withdrawal time by **~2 weeks** (Etherlink L2  $\rightarrow$  Tezos L1)
  - Governance UI + indexing system supporting **>\$30M** voting power
  - Sole Solidity developer for a game with **60K players, 500K NFT owners, 1700 ETH** volume
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## Work Experience

**Lead Hands-on Blockchain Solutions Architect** | Trilitech | 2024 - Present | [etherlink.com](http://etherlink.com)

- Built and shipped the cross-chain bridge frontend and production integrations ([etherlinkbridge.com](http://etherlinkbridge.com)) supporting **>\$55M** across Tezos and EVM chains (*Next.js, Ethers, LayerZero, Taquito, MUI, MobX*)
- Implemented bridging integrations including **deposit/withdraw UX** and **event indexing** across Etherlink (EVM) and Tezos contracts (*Ethers, Taquito*)
- Helped implement **fast withdrawals** reducing withdrawal times by **~2 weeks** from Etherlink L2 to Tezos L1; supported **14,282 fast withdrawals** totaling **3.19M XTZ** across **350+ unique wallets**
- Built liquidity dashboard to monitor EVM bridge transfers ([etherlinkbridge.com/stats](http://etherlinkbridge.com/stats)) (*Next.js, Express, TypeScript, BigQuery, MySQL, GCP*)
- Created frontend and indexer for Tezos governance ([governance.etherlink.com](http://governance.etherlink.com)) supporting **>\$30M** voting power (*Next.js, Express, Taquito, MySQL, WebSockets, MobX*)
- Built monitoring/alerting for dapp availability and RPC/indexer issues with on-call escalation (*Node.js, Express, Ethers, Taquito, PagerDuty*)
- Built CI/CD across Vercel and GCP; standardized release workflows and deployments
- Mentored junior engineers; supported delivery of [bridge.explorer.etherlink.com](http://bridge.explorer.etherlink.com)

**Solidity Developer** | Level 77 - Blowfish Studios | 2022 - 2024 | [phantomgalaxies.com](http://phantomgalaxies.com)

- Sole Solidity developer for a game with **60,000 players, 500,000 NFT owners**, and **1700 ETH (6.5M USD)** trading volume
- Shipped upgradeable smart contracts (transparent proxy pattern), staking/rewards, and timelocks
- Implemented a **LayerZero** token bridge for **Astrafer** ([Polygon  \$\rightarrow\$  Ethereum](#))
- Production Polygon **NFT contract** with **12,000+ on-chain transactions** ([contract](#))

- Built **dynamic NFT images** with game updates and **EC2 → S3** rendering pipeline (*JavaScript, AWS*)
- Integrated on-chain features with React/Express and Unity (C#)

#### **Substitute Instructor** | 2U Monash University | 2022

- Taught Blockchain Programming and AI to classrooms of 20+ people

#### **Blockchain Developer** | Panda Siege | 2021 - 2022

- NFT minting dapp and marketplace (*Next.js, CSS, Solidity*)

#### **Full Stack Developer** | Crypto Fund Me | 2020 - 2021

- NFT crowdfunding platform (*JavaScript, HTML, CSS, IPFS hosting, Solidity*)
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## Skills

**Blockchain:** Solidity, Foundry, Hardhat, Truffle, Geth, Ganache CLI **JavaScript/TypeScript:** Node.js, Express, React, Next.js, Vue.js, Ethers.js, Web3.js, thirdweb, MUI, MobX, TanStack, Tailwind **Python:** Brownie, web3.py, Flask, pytest, Keras, SciKit-Learn, HyperNEAT, Computer Vision **Databases:** MySQL, MongoDB, BigQuery **CI/CD & Cloud:** GitHub Actions, Google Cloud Platform, Vercel **AI:** Neural Networks, Genetic Algorithms, Neuroevolution of Augmenting Topologies

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## Own Projects

- **StratX** — Algo crypto trading (Vue.js frontend, Python backend)
- **MLB & NBA AI Betting Predictor** — Sports prediction models
- **Telegram Mini Apps** — Custom mini apps for Telegram