Nichole Christie

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United States (Eastern Timezone)

Summary

Full-stack TypeScript/JavaScript engineer with deep blockchain expertise. Founder building production applications across EVM chains, Solana, and quantum computing systems. Active contributor to 580+ repositories spanning DeFi protocols, wallet infrastructure, and onchain analytics. Passionate about making crypto data accessible.

Technical Skills

- **Frontend:** React, Next.js, TypeScript, Tailwind CSS, React Router
- **Backend:** Node.js, TypeScript, GraphQL, REST APIs, Cloudflare Workers
- **Blockchain:** Solidity, Rust, EVM chains, Solana, Account Abstraction (ERC-4337), DeFi protocols
- **Infrastructure:** Vercel, AWS, Docker, Git, CI/CD pipelines
- **Data & APIs:** Dune Analytics, Alchemy API, Coinbase SDK, 0x API, ENS, TheGraph
- **Tools:** SQL, Python, Go, Cirq (quantum computing)

Featured Projects

LUXBIN App | *Next.js 16, React 19, TypeScript, Coinbase CDP SDK*

Full-stack onchain application with wallet integration and trading functionality.
- Built with Next.js 16 and React 19, deployed on Vercel
- Integrated Coinbase CDP SDK for wallet management and transactions
- Implemented responsive UI with Tailwind CSS

LUXBIN Quantum Internet | *Python, Qiskit, AWS Braket, Azure Quantum*

github.com/nichechristie/Luxbin-Quantum-internet (11 stars)
- Software stack for quantum networking with photonic entanglement protocols
- Integrated with IBM Quantum, IonQ, Rigetti across 12+ quantum computers
- Built AI agent validators and consensus protocols

LUXBIN Chain | *Rust, Blockchain Consensus*

github.com/mermaidnicheboutique-code/luxbin-chain
- Temporal blockchain with Proof-of-Time consensus achieving 99% energy reduction
- Implemented cryptographic primitives and validator logic in Rust
- Published reproducible research with benchmarks

NicheAI Platform | *TypeScript, Next.js, AI/ML*

github.com/mermaidnicheboutique-code/nicheai
- Full-stack TypeScript platform combining AI companions with blockchain
- Built Aurora & Atlas AI agents powered by quantum computing integration

Blockchain & DeFi Contributions | *TypeScript, Solidity*
- **Coinbase OnchainKit:** React components for onchain apps
- **Uniswap Interface:** Open source DEX interface contributions
- **Safe Wallet Web:** Smart account wallet development
- **Account Abstraction (ERC-4337):** SDK and implementation examples
- **ENS Offchain Resolver:** CCIP Read gateway and registrar implementations
- **Lido DAO:** Core protocol smart contracts

- **0x Examples:** DEX aggregator API integrations
- **Flashbot Recovery Bundler:** MEV protection tooling

Open Source & Community

- **580+ public repositories** across blockchain, DeFi, and infrastructure
- **EIP Specification Author:** Ethereum Improvement Proposals
- **Dune Analytics User:** Creating onchain data dashboards and queries
- **Grants Stack:** Round Manager & Grant Explorer development
- **Gitcoin Passport:** Decentralized identity verification

Experience

Founder & Lead Engineer | NicheAI   Present

Building quantum-blockchain hybrid systems and AI-powered onchain applications.

Independent Blockchain Developer   2024 – Present

Full-stack development across EVM chains, Solana, and L2 networks. Creating wallet infrastructure, DeFi integrations, and data analytics tools.

Why Dune

I use Dune to analyze onchain data and understand protocol behavior. Dune's mission to make crypto data accessible aligns with my work building tools that bridge complex blockchain systems with user-friendly interfaces. I'm excited to contribute to the platform I already rely on as an analyst and developer.