Tyler Fischer

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Summary

Seasoned Senior Engineer and Developer Advocate with 8+ years of TypeScript expertise across FinTech, blockchain, mobile, and AI. Early crypto adopter (Chainlink 2017, Uniswap airdrop, Fantom DeFi 2021), transitioned from Refinitiv to blockchain development. Built tools at DeSo Foundation for decentralized adoption. Since 2023, freelancing innovative solutions; seeking senior/staff roles in blockchain, mobile, or fintech.

Skills

Category	Technologies & Skills
Languages	JavaScript, TypeScript, Solidity, Python, HTML/CSS/SCSS, Lua
Blockchain	Ethereum/EVM, DeSo, Smart Contracts, DeFi, Oracles, L1/L2 Scaling, OpenZeppelin
Frameworks	React Native, React, Angular, Node.js, Next.js, Hardhat, Ethers.js, Web3.js, Svelte, Expo, Recoil, Zod
Developer Relations	Public Speaking, Community Building, API Docs, SDK Design, Community Calls, Hackathon Streams
FinTech & AI	Payments, Asset Management, AI Tooling for Dev Workflow, Prompt Engineering, i18n

Professional Experience

Freelance Software Engineer *Jan 2023 – Present*

- Developed Surf Punks v2 ERC-721 NFT app on Ethereum with reveal mechanics using Solidity, Hardhat, Ethers.js, React
- Built audited ERC-7540-inspired RWA contract for Chateau Capital (Solidity, OpenZeppelin, IERC7540, ERC4626). [Repo](#)
- Created locale plugins for Blendin AI enabling multi-language docs (Node.js, i18n). [Repo](#)
- Designed Sub Spark MVP subscription app with geolocation, payments (React Native, Expo, TypeScript, Recoil, Stripe). [Repo](#)
- Contributed 630+ GitHub commits in past year across blockchain/mobile projects

Developer Advocate Engineer | The DeSo Foundation *Jan 2022 – Dec 2022*

- Built/maintained DeSo Protocol/Types library, improving dev velocity
- Architected encrypted group messaging prototype on DeSo using derived keys
- Hosted MLH events, dev calls, and streams for community engagement. [Video 1](#) | [Video 2](#)
- Developed DeSo Developer Hub with interactive examples
- Enabled MetaMask onboarding via derived keys
- Contributed as DeSoDog: [Workspace](#) (moved to DeSo JS repo)

Lead Software Engineer | Refinitiv (LSEG) *Apr 2020 – May 2021*

- Led reusable UI component library for asset transfers, replacing legacy systems (TypeScript, Angular, GraphQL)
- Delivered agile products, collaborating on outcomes
- Gained expertise in Jasmine, .NET Core, GitLab

Software Engineer | Connecture *Jul 2019 – Apr 2020*

- Built WCAG/HIPAA-compliant apps (TypeScript, Angular)
- Designed dynamic parsing service for custom Angular apps from JSON

Selected Projects

- **Lua Prompt Library**: AI prompt engineering tool for Neovim. [Repo](#)
- **Effectless**: Stricter, enforced TypeScript dialect with custom lint rules for reliable code, including Go-like error handling, Zod-derived types, immutability, and pure functions. [Repo](#)
- **Iron Fox**: Crypto hack fund tracing app; generated reports for fiat deposits obscured by bots. [Repo](#)

Education

University of Wisconsin Oshkosh
B.S. Computer Science | B.S. Criminal Justice