Tyler Fischer

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LinkedIn: linkedin.com/in/tyler-fischer-66 | **GitHub:** github.com/Code-Milker | **Location:** Remote-Ready (US-Based)

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, including a protocol library with 59,551 NPM downloads. Since 2023, freelancing innovative solutions, such as audited RWA contracts and full-stack mobile apps. Delivered viral initiatives like a DeSo airdrop post with 1,107 likes and 965 reposts. Seeking senior/staff remote roles in blockchain, mobile, or fintech, emphasizing scalable DeFi/mobile integrations, distributed teams, and secure systems design.

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, Hardhat, Foundry
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 (e.g., MLH events with 1,213 total views)
Tools & Practices	GitHub (630+ commits in past year), Jest/Detox Testing, Agile/Remote

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; deployed collection with 563 minted NFTs held by 278 unique owners on OpenSea. [OpenSea](#) | [Etherscan](#) | [Repo](#)
- Built audited ERC-7540-inspired RWA contract for Chateau Capital (Solidity, OpenZeppelin, IERC7540, ERC4626), managing tokenized assets with secure deposit/redemption flows. [Repo](#)
- Created locale plugins for Blendin AI enabling multi-language docs (Node.js, i18n), supporting Docusaurus/GitBook with automated file discovery and API integrations. [Repo](#)
- Designed Sub Spark MVP subscription app with geolocation, payments (React Native, Expo, TypeScript, Recoil, Stripe); handling edge cases like offline sync. [Repo](#) | [iOS Demo QR](#)
- Contributed 630+ GitHub commits in past year across blockchain/mobile projects, with 100% code review pass rate.

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

- Built/maintained DeSo Protocol/Types library (59,551 NPM downloads), improving dev velocity with type-safe APIs and fluent transaction chaining; migrated to standalone repo with 5 contributors. [NPM](#) | [Repo](#)
- Architected encrypted group messaging prototype on DeSo using derived keys, in a React app with end-to-end encryption; contributed core PRs to repo with 5 contributors. [PR Files](#) | [Repo](#)
- Hosted MLH events, dev calls, and streams for community engagement, totaling 1,213 views and 34 likes across sessions. [Video 1](#) (448 views, 11 likes) | [Video 2](#) (765 views, 23 likes)
- Developed DeSo Developer Hub with interactive examples, boosting onboarding; showcased SDK with decentralized Q&A threads. [Hub](#)
- Enabled MetaMask onboarding via derived keys, bridging Ethereum-DeSo; collaborated on research for seamless Web3 entry. [How it Works](#)
- Contributed as DeSoDog: [Workspace](#) (moved to DeSo JS repo)
- Launched viral DeSo Dollar airdrop, with announcement post gaining 1,107 likes, 965 reposts, 319 quotes, and 1,155 replies. [Repo](#) | [Post](#)

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

- Led reusable UI component library for asset transfers, replacing legacy systems (TypeScript, Angular, GraphQL); reduced load times by 40% and improved code reusability across teams.
- Delivered agile products, collaborating on outcomes with cross-functional teams; integrated Jasmine testing.

Software Engineer | Connecture *Jul 2019 – Apr 2020*

- Built WCAG/HIPAA-compliant apps (TypeScript, Angular), ensuring accessibility for 10k+ users.
- Designed dynamic parsing service for custom Angular apps from JSON, handling 500+ configs with zero downtime.

Selected Projects

- **Lua Prompt Library**: AI prompt engineering tool for Neovim, streamlining dev workflows. [Repo](#)
- **Effectless**: Stricter TypeScript dialect with custom lint rules for reliable code (Go-like errors, Zod types, immutability); enforced in 5+ prototypes, reducing bugs by 30%. [Repo](#)
- **Iron Fox**: Crypto hack fund tracing app; generated reports for fiat deposits across 12 obscured accounts. [Repo](#)
- **BIP39 Generator**: Secure, dependency-free HTML tool for mnemonic keys; compliant with wallets like Ledger. [Repo](#)

University of Wisconsin Oshkosh

B.S. Computer Science | B.S. Criminal Justice