Tyler Fischer

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Senior Fullstack Engineer

Seasoned Senior Fullstack Engineer with 8+ years in TypeScript since Angular 2 beta. Expertise in FinTech, blockchain, and mobile. Early crypto adopter (2017); built DeSo library (59k downloads). Freelanced since 2023: wrote RWA contract that passed audit, full-stack mobile app. Skilled in prototyping/scaling fintech/blockchain products; efficient with AI tooling and workflows. Seeking remote senior fullstack/backend roles in institutional blockchain and tradfi integrations.

WORK EXPERIENCE

Freelance Software Engineer
Contracting • 01/2023 - Present

- Developed Surf Punks v2 NFT app (Solidity, Hardhat, React); post launch 563 NFTs total minted for 278 owners.
- Developed an audited RWA contract using Solidity and OpenZeppelin, enabling a seamless async deposit redemption flow for Chateau Capital admins within 3 months.
- Developed locale plugins for Docusaurus and GitBook (Node.js), automating locale support and enhancing accessibility.
- Created a user-friendly subscription app that enhanced customer engagement and loyalty, fostering community support for local businesses.
- Delivered 680+ GitHub commits across projects and contracts in 2025, showcasing consistent and displayed software hygiene.

Developer Advocate Engineer
The DeSo Foundation • 01/2022 - 12/2022

- Built and maintained DeSo protocol library (59k NPM downloads); significantly decreasing learning curve for building on DeSo
- Architected an encrypted group messaging prototype using derived keys, enhancing security and user trust within 3 months.
- Collaborated with cross-functional teams to create educational content, improving developer onboarding experience and reducing support queries.

Lead Software Engineer
Refinitiv (LSEG) • 04/2020 - 05/2021

- Led the development of a TypeScript and Angular frontend library, achieving adoption across the I.T. department and standardizing UI and design patterns.
- Delivered agile products with cross-functional teams; reduced bug rates by 20% over the year.

Software Engineer
Connecture • 07/2019 - 04/2020

- Designed and implemented a robust accessibility framework for applications, significantly improving user experience and compliance standards.
- Designed dynamic JSON parsing service handling 500+ configs, allowing clients to quickly deploy and personalize insurance website to clients.

SKILLS

- **Languages:** C#, HTML/CSS/SCSS, Java, JavaScript, Lua, Solidity, TypeScript
- **Blockchain:** DeFi, DeSo, Ethereum/EVM, Foundry, Hardhat, OpenZeppelin, Smart Contracts, Viem
- **Frameworks:** Angular, Expo, Next.js, Node.js, React, React Native, Svelte
- **Developer Relations:** API Docs, Community Building, Community Calls, Hackathon Streams (1,213+ views across events), Public Speaking, SDK Design
- **Tools & Practices:** Agile/Remote Collaboration, GitHub (680+ commits in past year), Jest/Detox Testing

EDUCATION

B.S. Computer Science
University of Wisconsin Oshkosh
01/2018

Relevant Coursework: Distributed Systems, Algorithms, Cryptography, Network Security.

Full Stack Developer • **Internship**

University Of Wisconsin Oshkosh, Systems Integrations • Oshkosh • 11/2016 - 12/2018

- Built a full-stack Angular 2 app with ASP.NET backend, streamlining OS and image deployments on campus, reducing deployment time.

PROJECTS

Lua Prompt Library

AI-powered prompt engineering tool for Neovim, optimizing developer workflows by 25%.

Effectless

Custom TypeScript dialect with lint rules for error handling and immutability, reducing bugs by 30% in test projects.

Iron Fox

Crypto hack tracing app; analyzed and reported on 12 obscured accounts for fund recovery.

BIP39 Generator

Secure, offline mnemonic key tool compatible with hardware wallets like Ledger.

B.S. Criminal Justice

University of Wisconsin Oshkosh
01/2018

Relevant Coursework:

Distributed Systems, Algorithms, Cryptography, Network Security.