

IVAN K.

Senior Fullstack Engineer | Tech Lead



PROFILE SUMMARY

Software engineer with **10+ years of experience** building well-designed, production-grade codebases. Founding engineer at startups that raised **\$17M in funding**. Most of my career has been spent building **decentralized applications on Ethereum**. Deeply invested in the decentralized web — not just as a technology stack, but as infrastructure that makes finance open, permissionless, and censorship-resistant. Extensive experience building developer-facing **SDKs and APIs**, **client-side applications**, and **backend services**. Strong in **system architecture** and hands-on work on mission-critical features. Follow SOLID principles with a strong focus on static type-safety using **TypeScript**.

CORE COMPETENCIES

- Building dApps on Ethereum since 2017 — deep in DeFi protocols, tokenization standards/specifications, and the broader Web3 ecosystem
- Full-cycle individual contributor: architect, build, test, and ship end-to-end — many systems built from scratch are still running in production
- Hired, mentored, and scaled engineering teams through rapid startup growth (5 → 100+ at Rarible)
- Follow SOLID principles with strict TypeScript type-safety, combining functional-reactive programming and pragmatic OOP to keep codebases lean
- AI-first engineer — Claude is my daily driver, boosting my output 10x. Currently building rxfy, an open-source state management library

SKILLS

Languages & Frameworks: AI-first development, React, Next.js, Vite, TypeScript, RxJS, MobX, React Native, Tailwind, CSS Modules, Canvas, WebSockets, WebRTC, Playwright, Cypress

Blockchain: EVM (Ethereum), Solana, Tezos, Aptos, Flow, wagmi, viem, ethers.js, web3.js, Smart contract integrations, Blockchain indexers (ponder.sh, graph), IPFS

Backend & Infra: Prisma, Drizzle, Node.js, Express.js, Hono.js, Deno, SSR, Backend-for-Frontend, PostgreSQL, MongoDB, WebSockets, media streaming, REST API design, GraphQL, Railway, Supabase, AWS (Lambda, S3, media processing), FFmpeg, Jest, Vitest, CI/CD pipelines, Docker, Open-source SDK development

PROFESSIONAL EXPERIENCE

Tech Lead / Fullstack Engineer

2024 — Present

[Evergonlabs.com](#) - remote

Building infrastructure for RWA tokenization on EVM blockchains, based on a proprietary data standard ERC-7208. Grew the protocol to \$42M TVL while delivering an integrator API, investor and issuer applications.

- Architected and implemented the main client application from the ground up
- Built backend services and REST APIs powering investor and issuer workflows
- Designed a decentralized protocol and shipped a public SDK for third-party integrators
- Set up blockchain indexing infrastructure to track on-chain asset activity in real time

Technologies: React, Vite, Tailwind, wagmi, TypeScript, Playwright, Vitest, Hono.js, PostgreSQL, Ponder.sh

Lead Frontend Engineer

2019 — 2024

[Rarible.com](#) - remote

Co-founded and scaled an NFT marketplace from scratch. Grew the team from 5 engineers to 100+ employees, reaching 100K daily active users and 100+ third-party API integrators at peak.

- Designed and implemented the frontend architecture powering the core marketplace
- Hired, mentored, and led the frontend team through rapid company growth
- Integrated five blockchain ecosystems (Ethereum, Solana, Tezos, Aptos, Flow) into a unified UI
- Co-authored the Rarible SDK, adopted by 100+ third-party integrators
- Established full E2E test coverage, significantly reducing regressions across releases

Technologies: TypeScript, RxJS, Express.js (BFF), Jest, Playwright, wagmi, viem, ethers.js, Ethereum (EVM), Solana, Tezos, Aptos, Flow

Senior Frontend / React Native Engineer

2018 — 2019

[Sticker.Place](#) - remote

Developed and shipped mobile applications at a product-focused studio. The flagship Glowbe app ranked Top 10 in Health & Fitness for several consecutive months, sustaining 1,000+ active paid subscribers.

- Single-handedly built and shipped the Glowbe app as the sole developer
- Engineered a cross-platform architecture sharing code between mobile and web
- Built a custom animated video player with smooth playback and transitions
- Optimized the video streaming backend to reduce latency and buffering
- Implemented full E2E test coverage with Cypress to ensure release stability

Technologies: React Native, React Native Web, TypeScript, MobX, Express.js (BFF), Cypress, Observable / Publisher-Subscriber state model

Frontend Engineer (Web3)

2017 — 2018

[Daonomic.io](#) - remote

Built a platform for launching ICOs on Ethereum, facilitating over \$20M in total funds raised across hosted projects.

- Architected the client-side Web3 layer handling wallet connections and transaction signing
- Integrated IPFS for decentralized content storage and embedded wallet flows
- Built token sale dashboards giving issuers real-time visibility into fundraising progress

Technologies: React, CSS Modules, web3.js, Webpack, Express.js (BFF), MetaMask

Tech Lead / Fullstack Engineer

2015 — 2017

[Levelup.worlds](#) - remote

Developed an online education platform for building courses, presentations, and live streams, reaching 1,000 daily active users at peak.

- Built interactive presentation editors using React and Canvas
- Implemented live streaming pipeline with WebRTC, WebSockets, and FFmpeg
- Developed content monetization features enabling creators to earn from courses
- Designed scalable cloud architecture on AWS to handle growing user traffic

Technologies: Next.js, React, MongoDB, Express.js, AWS (Lambda, S3, media servers)

Web Developer

2014 — 2015

[Freelance](#) - remote

Started my professional career in web development.

- Built PHP-based websites and e-commerce solutions for local clients
- Designed UI layouts and implemented them end-to-end
- Collaborated in a small team, picking up core development workflows and version control

Technologies: PHP, mysql, html, css, javascript