

Jesse Stahl

Full-stack software engineer

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I build products end to end, from the first client call to the server they run on. I work in TypeScript across React, Angular and Node, deploy to Google Cloud and to Linux boxes I run myself, and write Solidity for Ethereum and Uniswap v4. Self-taught, building software since 2020.

Experience

Software Developer Implemented Today Jan 2024 to Present

- Lead developer on two client products. I own each one from requirements through build, release, QA and support.
- Built single sign-on across the platform with Okta, set up to match each client's security rules.
- Built a two-way LinkedIn Ads integration so clients pull campaign data and push changes from inside the product.
- Keep the codebases healthy with dependency upgrades and security fixes, with no downtime.
- Onboard and mentor junior developers, hand out work, and help them solve client issues.
- Work with clients directly to scope features and turn business goals into technical plans.

Independent Developer and Crypto Investor Self-employed 2020 to 2023

- Ran my own crypto portfolio full time and realized a 20x return over three years.
- Swing traded long-term market cycles and took short-term DeFi opportunities. Sold most long-term positions before the 2021 crash.
- Built an Ethereum DCA bot with smart contracts that buys on a schedule and stakes automatically.
- Built a bot that tracks who Twitter accounts follow, to spot new crypto projects early.
- Launched NGMI Socks, NFTs that redeem for physical merch. I wrote the contracts and ran fulfillment.

Truck Driver Various companies 2017 to 2020

- Ran long-haul routes on my own and stayed safety compliant.

Projects

IMD Operation imdoperation.xyz

A service that runs IdentityMD agents for NFT holders. Customers pay 0.05 ETH a month, streamed by the second through a contract with no admin and no upgrade path. I built the contract, the Node API, the React app and the hardened servers it runs on.

SHARDS shards.gallery

A Uniswap v4 hook that runs a 10,000-piece NFT collection on a bonding curve. Buying draws fresh art on-chain and selling destroys it. Liquidity is locked forever and every swap pays holders a 1% ETH fee. I built the hook, the on-chain SVG renderer, the indexer and the site.

Telegram trading terminal Private repo

A Telegram bot that trades on Coinbase and Hyperliquid from the phone. It automates EMA trend following strategies, hourly Dollar Cost Averaging, and logs every fill to a dashboard for trade analysis and tax reports.

Skills

Languages TypeScript, JavaScript, Solidity, SQL

Front end React, Next.js, Angular, RxJS, wagmi, viem

Back end Node.js, REST and event-driven APIs, Cloud Functions, Okta SSO

Data Firestore, BigQuery, SQLite, data modeling and migrations

Cloud and servers Google Cloud, Firebase, Linux VPS, Terraform, Caddy, systemd, GitHub Actions

Web3 Uniswap v4 hooks, Foundry, fork and fuzz testing

Practice Test-driven development (Jest, Vitest), code review, security sweeps, Nx monorepos

Education

Self-taught Learned full-stack web, cloud and smart contracts from documentation and by shipping real projects.