

SAM TROUY
Technical Problem Solver

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Summary

30-year-old technical generalist with experience as a founding engineer, in sales, and doing hands-on technical work. Husband and dad of 2 kids.

reader; writer; learner; thinker; doer; risk taker; dot connector; listener

Books

From.. I learned..

- | | |
|-------------------------------|--------------------------------|
| .. 'Shoe Dog' | .. I like reading, |
| .. 'The Daily Stoic' | .. virtues, honesty, |
| .. 'Zero to One' | .. I want to invent, |
| .. 'How to Create a Mind' | .. mysteries of the neocortex, |
| .. 'The One Thing' | .. focus, |
| .. 'Hackers and Painters' | .. to think uniquely, |
| .. 'The Body Keeps the Score' | .. healing, changing, |
| .. 'Range' | .. variety, |
| .. 'The Art of War' | .. strategy, |
| .. 'Meditations' | .. acceptance, |
| .. 'Tao Te Ching' | .. less is more. |

Languages/Frameworks/Tools

I enjoy learning new languages and tools. Here are some things I've used in the past, or still use:

- Professional experience: Go, TypeScript, React, AWS, MongoDB, Docker, GitHub
- Personal projects: Go, HTMX, Alpine, Fly.io, Docker
- Familiarity with Python, Rust, Lisp, Node/Deno
- LLMs for thinking assistance, learning & exploration

I appreciate both rapid and deep learning of tools.

My Ideal Team

- + Small: table makers, not 'table-leg-screwers'
- + Unique: unusual, independent thinkers
- + Impact driven: creating value, not just growth

Experience

→ Independent Developer
Apr 2023 - Present (2 years)

Self-funded exploration into agentic AI and other projects

- Had my daughter, Summer
- Prototyped agentic LLM systems built around a 'mind kernel' (self modifying instructions)
- Built custom blog to learn Elixir, Phoenix & LiveView
 - I now use GitHub pages
- Delved into Lisp and its dialects
- Created Counter-Strike server browser (findservers.net)
 - I wanted this to exist for my own use, and thought others might find it useful as well. I'm currently reworking it to be more performant.
- Refined personal LLM workflow for coding, creative work & learning
 - Regardless of what I'm doing, I seed most conversations with a set of documents giving personal context about me that I update regularly

→ Founding Software Engineer, SheetRocks
Apr 2021 - Apr 2023 (2 years)

First hire at seed-stage SaaS startup

- Had my son, Sam III
- Owned key feature development
 - sorting algorithm, macros, formula range selection, cross-sheet references
- Optimized React performance
 - selective rendering, scrolling through sheet with millions of rows
- Fixed critical calculation and data integrity issues
 - pointer bugs, multithreading, cell reference logic
- Maintained test suite and CI/CD pipeline
 - End-to-end testing using Jest
 - added tests for every pull request
- On-call support for production incidents

Stack: Go, React, TypeScript, Python, Jest, Docker, AWS, GitHub

→ Independent Developer
Oct 2020 - Apr 2021 (0.5 years)

Becoming a self-taught developer

- Built personal site (Go, vanilla JS)
- Created web scraper with custom instruction language
- Developed bot to ping client when certain states were met for a given financial asset

→ Wire Tech & Sales Consultant, AT&T
Apr 2017 - Oct 2020 (3.5 years)

- Installed/repaired internet, TV, and phone services
- Transitioned to sales roles (outside and in-store)
- Learned how to communicate with empathy & perform under pressure

→ Sales Associate, Best Buy
Mar 2012 - Apr 2017 (5 years)

- Got married to my wife Alaa in January of 2017
- Sold in many different departments including computing, digital imaging, and mobile

→ Sales Associate, Bed Bath & Beyond
Mar 2011 - Mar 2012 (1 year)

- First job