

John William Davis

Software Engineer · TypeScript & Rust

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SUMMARY

Software engineer building TypeScript web apps with React, TanStack Start, and Next.js on Supabase and Postgres. I often work with coding agents, but I always review what they write. I also build desktop apps and command-line tools in Rust. Before software, I spent 13 years as an EMT in King County.

TECHNICAL SKILLS

Languages: TypeScript, Rust, Python

Frontend: React, Next.js, TanStack Start, Astro, Vue / Nuxt, Tailwind CSS, Panda CSS

Backend & Data: Node.js, Bun, Supabase (Postgres, Row Level Security), Drizzle ORM, Turso / libSQL

AI-Assisted Development: Claude Code, Amp, Delta, MCP servers, Git worktrees for parallel agents

Tools: Git, GitHub, Vercel, Docker, Linux, Zed

AGENTIC WORKFLOW

- Run Claude Code and Amp in parallel on separate Git worktrees, each guided by project instruction files (CLAUDE.md, AGENTS.md).
- Set up the same MCP servers (Supabase, Panda CSS) across Claude Code, Amp, and Zed.

PROJECTS

Self-directed and open source · github.com/papadavis47

Papa · Local-first journal for fathers — *Rust · GPUI · Turso · Typst*

- Desktop app for keeping notes and photos about each child, with optional end-to-end encrypted sharing so a child sees only the notes shared with them.
- Five-crate Cargo workspace (app, domain logic, API types, Typst PDF export, relay server), with CI on GitHub Actions and architecture decision records.

Rust command-line tools · Mountains, caleb, Mija — *Rust · ratatui · clap · Turso*

- A trail-running log, a task manager for coding sessions, and a Pomodoro timer. Two install with `cargo install`.

I want you to know · Digital legacy web app for parents — *TanStack Start · React · Supabase · Drizzle · Panda CSS*

- Lets parents save letters, voice notes, and photos for their children to keep after they are gone.
- Designed the database schema and the design token system.
- Created the brand: three logo families, plus a script that generates the full asset pack from source.

comfortablefeelingdumb.com · My long-running programming blog — *Next.js · MDX · Vercel*

- Rebuilt it with like and view counters, generated social images, dark mode, and page transitions.

Sokay · Mindful eating web app — *TanStack Start · Supabase · Drizzle*

- Food tracking built around moderation instead of restriction.

EXPERIENCE

Rideshare & Delivery Driver · Independent contractor

Nov 2018 – Present

- Drove for Uber and Lyft and delivered for Uber Eats and Amazon, supporting my family while studying software and building these projects.

Emergency Medical Technician · American Medical Response

May 2005 – Sep 2018

- Provided basic life support and emergency transport for patients across the Seattle area.
- Worked calls alongside King County fire departments and King County Medic One.

EDUCATION

Software Engineering Immersive · General Assembly, Seattle

Jan 2020 – Apr 2020

Full-time, 12-week program (400+ hours) in full-stack development.