

TYLER BUSSANICH

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Frontend engineer with 6+ years shipping accessible, high-performance web and mobile UI, focused on design systems: component libraries, design tokens, and patterns that hold up across web and native codebases. Lead frontend for a CME-accredited medical eLearning platform and set up its engineering process from zero. Build AI-native (Claude Code daily) and shipped a streaming Claude API feature end to end, from prompt design to rate limiting. Background spans a 30M-visit consumer marketplace, humanitarian tooling, and solo product launches.

SKILLS

- **Core:** TypeScript, JavaScript, React, Next.js, Vue, React Native, HTML/CSS/Sass, Tailwind, Git
- **Design systems:** design tokens (CSS custom properties), Lit / Web Components, Storybook, Figma, white-label config, WCAG accessibility
- **AI-native:** Claude Code, Cursor, Anthropic SDK, streaming LLM UIs, prompt / context design
- **Also:** Go, Python, Node.js, Vitest, Firebase, AWS

EXPERIENCE

Hot Pepper Studios February 2026 – Present

Lead Frontend Developer — Remote

- Lead front-end for a React / React Native eLearning platform, owning UI architecture across web and mobile from one shared codebase.
- Built the white-label system: a typed, schema-validated config layer that replaced brand values scattered across the codebase with a single token-driven source.
- Stood up the engineering process for a fully distributed team from scratch — PR templates, code review standards, CI test/lint gates — and flipped strict typing from disabled to enforced.

Humanitarian OpenStreetMap Team September 2025 – Present

Volunteer Frontend Developer — Remote

- Contributing to the [XLSForm Builder](#) (in active development) and a [framework-agnostic UI component library](#) (Web Awesome) for tools used in production by Médecins Sans Frontières, Red Cross, and UN agencies.

The Dyrt April 2019 – June 2025

Frontend Developer — Remote / Portland, OR

- Contributed to an internal bookings admin portal for campground operators, delivering the core feature of a two-sided marketplace end to end on a platform with 30M+ annual visits (Next.js, TypeScript).
- Translated Figma files into pixel-accurate, production-ready React and React Native UI, working directly with designers over a multi-year collaboration.
- Increased conversion rate 1.5% by shipping targeted in-app marketing screens driven by Firebase Remote Config.

PROJECTS

Terminal Portfolio — tbssnch.dev · Next.js, TypeScript, Anthropic SDK

- Solo-built site with a server-rendered baseline that works with JavaScript disabled, layered with a chat widget and a full viewport terminal as progressive enhancements; the `ask` command streams grounded Claude API answers through a typed `Intent` channel — the engine's sole boundary to outside effects — a tool-calling-surface pattern applied to a single-agent UI.

EDUCATION

Epicodus — Full-Stack Web Development Portland, OR — 2018