William Stafford

Blockchain Developer

I build pixel-perfect, engaging, and accessible digital experiences.

ABOUT

Back in 2014, I decided to try my hand at creating custom Tumblr themes and tumbled head first into the rabbit hole of coding and web development. Fast-forward to today, and I've had the privilege of building software for an advertising agency, a start-up, a huge corporation, and a digital product studio.

My main focus these days is building accessible user interfaces for our customers at Klaviyo. I most enjoy building software in the sweet spot where design and engineering meet — things that look good but are also built well under the hood. In my free time, I've also released an online video course that covers everything you need to know to build a web app with the Spotify API.

When I'm not at the computer, I'm usually rock climbing, reading, hanging out with my wife and two cats, or running around Hyrule searching for Korok seeds.

EXPERIENCE

2024 — PRESENT

Blockchain Developer, Accessibility · Klaviyo ↗

Build and maintain critical components used to construct Klaviyo's frontend, across the whole product. Work closely with cross-functional teams, including developers, designers, and product managers, to implement and advocate for best practices in web accessibility.

JavaScript · TypeScript · React · Storybook

2018 — 2024

Lead Engineer · Upstatement ↗
Senior Engineer
Engineer

Build, style, and ship high-quality websites, design systems, mobile apps, and

digital experiences for a diverse array of projects for clients including Harvard Business School, Everytown for Gun Safety, Pratt Institute, Koala Health, Vanderbilt University, The 19th News, and more. Provide leadership within engineering department through close collaboration, knowledge shares, and spearheading the development of internal tools.

JavaScript   TypeScript   HTML & SCSS   React   Next.js   React Native

WordPress   Contentful   Node.js   PHP

JULY — DEC 2017

UI Engineer Co-op · Apple ↗

Developed and styled interactive web apps for Apple Music, including the user interface of Apple Music's embeddable web player widget for in-browser user authorization and full song playback.

🔗 MusicKit.js   🔗 9to5Mac   🔗 The Verge

Ember   SCSS   JavaScript   MusicKit.js

2016 — 2017

Developer · Scout Studio ↗

Collaborated with other student designers and engineers on pro-bono projects to create new brands, design systems, and websites for organizations in the community.

Jekyll   SCSS   JavaScript   WordPress

JULY — DEC 2016

Software Engineer Co-op · Starry ↗

Worked with the UI team to engineer and improve major features of Starry's customer-facing Android app.

🔗 Android App   🔗 ScreenTime 2.0

Cordova   Backbone   JavaScript   CSS

JULY — DEC 2015

Creative Technologist Co-op · MullenLowe U.S. ↗

Developed, maintained, and shipped production code for client websites. Clients included JetBlue, Lovesac, U.S. Cellular, U.S. Department of Defense, and more.

HTML   CSS   JavaScript   jQuery

View Full Résumé ↗

PROJECTS

Build a Spotify Connected App ↗

111Video course that teaches how to build a web app with the Spotify Web API. Topics covered include the principles of REST APIs, user auth flows, Node, Express, React, Styled Components, and more.

Spotify Profile ↗

Web app for visualizing personalized Spotify data. View your top artists, top tracks, recently played tracks, and detailed audio information about each track. Create and save new playlists of recommended tracks based on your existing playlists and more.

★ 615

React Express Spotify API Heroku

Halcyon Theme ↗

Minimal dark blue theme for VS Code, Sublime Text, Atom, iTerm, and more.

⬇ 100k+ Installs

brittanychiang.com (v4) ↗

An old portfolio site built with Gatsby with 6k+ stars and 3k+ forks

★ 7,155

Gatsby Styled Components Netlify

View Full Project Archive →

WRITING

2020
Integrating Algolia Search with WordPress Multisite ↗

2019
Building a Headless Mobile App CMS From Scratch ↗

Loosely designed in Figma and coded in Visual Studio Code by yours truly. Built with Next.js and Tailwind CSS, deployed with Vercel. All text is set in the Inter typeface.