# TRENT BREW

## SOFTWARE ENGINEER

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## PROFILE

I'm a designer who loves to code, mostly versed in web development, mobile development, and UX. I enjoy crafting intuitive and beautiful user interfaces, and enjoy working on projects that involve a lot of user interaction. I have a decent understanding of both front-end and back-end development, and am comfortable working in a variety of programming languages.

I have a strong focus on code quality, and always aim to write sustainable, scalable, and well-tested code, paying close attention to front-end architecture and reusability.
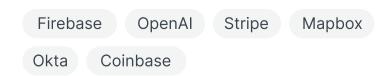
## DESIGN TOOLS

Figma · Rive · Blender · Adobe Suite · Sketch · Invision · Axure RP · GIMP · Webflow

## FRONT-END

Vue · Svelte · Flutter · Electron · SCSS · SwiftUI · WebGL · p5 · Vitest + Jest · TailwindCSS

## BACK-END

Node · Laravel · Express · Django · Git · Linux · Bash · Rust · Docker · Rancher

## APIs

Firebase · OpenAI · Stripe · Mapbox · Okta · Coinbase

## EXPERIENCE

### Independent Contractor
LT Design Lab LLC <studiobrew.co>  /  Remote  /  Aug 2018 - Present

- Development, design, and brand strategy for small organizations and startups across the US.
- Works with Nuxt, Svelte, TailwindCSS, Node, Firebase, Laravel, and Webflow to build web apps, mobile apps, and static websites.
- Offers logo design, brand strategy, copy editing, consulting, and custom software development.
- Skills: Graphic Design · Web Design · Brand Development · Full-Stack Development · Consulting

### Software Engineer
Lofty <hirelofty.com>  /  Remote  /  Mar 2021 - Jan 2022

- Worked with Vue 2, Mapbox, and DeckGL to draw, store, and calculate the area of bridge geometries, discover defects informed by IR drone footage, and translate UI mock-ups into pixel-accurate, reusable components.
- Worked with Django REST framework to build custom authentication flow, push notification system, and logic for building & executing flight plans for drones.
- Designed custom icons & UI mockups in alignment with design team deliverables & brand guidelines.
- Built re-usable map search component using Mapbox Geocoding API.
- Skills: Docker · Django REST Framework · Mapbox · Vue.js · User Interface Design · Bash · GitFlow

### Web Developer
HBR Consulting <hbrconsulting.com>  /  Chicago, IL  /  Mar 2020 - Apr 2021

- Worked with Vue 2, Node, and Firebase to design & develop an internal employee onboarding tool. Built and maintained utils powered by Node and Firebase Admin API to streamline development & deployment. Implemented SSO functionality using Okta. Designed UI mockups, icons, and high-fidelity prototypes with Figma. Worked across the organization to maintain SharePoint sites and migrate data.
- Skills: Node.js · Firebase · Cloud Firestore · OAuth · Okta Single Sign-On · Azure Active Directory · SharePoint · Security Assertion Markup Language (SAML) · Vue.js · Bash

### Mentor
CoderDojo <coderdojo.com>  /  St. Louis, MO  /  Jan 2015 - Dec 2015

- Helped introduce young coders to the world of software engineering through basic game development and web design.
- Used HTML, CSS, JQuery, and GameMaker to help kids build interactive experiences.