# TRENT BREW

## **UX ENGINEER**

trentbrew.com

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## **PROFILE**

I'm a designer who loves to code, with 4 years of professional experience building mobile and desktop applications. I specialize in crafting intuitive and beautiful user interfaces, and enjoy working on projects that involve a lot of user interaction. I have a deep 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 code organization and reusability.

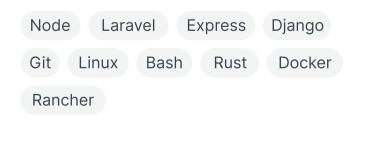
## **DESIGN TOOLS**

Figma	Rive	Ble	nder	Ado	be Suite
Sketch	Invisi	on	Axur	re RP	GIMP
Webflow					

# FRONT-END



## **BACK-END**



#### **APIs**

Fireba	se	OpenAl	Stripe	Mapbox
Okta	Co	inbase		

## **EXPERIENCE**

## Consultant

StudioBrew <studiobrew.co> / Chicago, IL / Aug 2018 - Present

Developer, designer, and brand strategist for small businesses and startups throughout the midwest.

Builds custom web apps, mobile apps, and static websites powered by **Vue, Svelte, NodeJS, Firebase, Flutter**, and **Webflow.** 

Builds brands and empowers startups through logo design, digital consulting, user testing, and custom software development.

## **Software Engineer**

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

Used **Vue, Mapbox**, and **DeckGL** to draw, store, and calculate the area of bridge geometries and bridge defects, informed by IR drone footage.

Translated UI designs & prototypes into functional features.

Used **Django** to build custom authentication flow, notification system, and logic for building & executing flight plans for drones.

Designed custom iconography & low-fidelity UI mockups in alignment with design team deliverables & brand guidelines.

Implemented custom search via Mapbox Geocoding API.

#### **Web Developer**

HBR Consulting <hbroonsulting.com> / Chicago, IL / March 2020 - April 2021

Design & development of internal cross-functional knowledge management platform, powered by **Vue**, **Node**, and **Firebase**.

Used **Node** and **Firebase** Admin API to build and maintain infrastructure tools to streamline development & deployment.

Designed app wireframes & high-fidelity prototypes using Figma.

#### INTERESTS

Game Development
XR
Generative Art
2D Animation
Snowboarding
Machine Learning
Painting
Jazz
eSports

## **EXPERTISE**

