

# TRENT BREW

## UX ENGINEER

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### PROFILE

I'm a designer who loves to code, specializing 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 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

FigmaRiveBlenderAdobe Suite

SketchInvisionAxure RPGIMP

Webflow

### FRONT-END

VueSvelteFlutterElectron

SCSSSwiftUIWebGLp5

Vitest + JestTailwindCSS

### BACK-END

NodeLaravelExpressDjango

GitLinuxBashRustDocker

Rancher

### APIs

FirebaseOpenAISTripeMapbox

OktaCoinbase

### EXPERIENCE

**Front-End Developer**  
TechOnePlus <techoneplus.com> / Remote / Jan 2022 - Present

- Worked with Vue 3, Pinia, and TailwindCSS to develop front-end for vehicle auctioning application.
- Used Figma to design custom assets, logos, and UI components.
- Developed standard design system, component library, and documentation across multiple projects.
- Assisted in designing API architecture for vehicle inventory.

**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 and bridge defects, informed by IR drone footage.
- Translated UI designs & prototypes into functional features.
- Built custom authentication flow, notification system, and logic for building & executing flight plans for drones powered by Django.
- 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 <hbrconsulting.com> / Chicago, IL / March 2020 - April 2021

- Worked with Vue 2, Node, and Firebase to design & develop an internal cross-functional knowledge management system.
- Built and maintained infrastructure tools powered by Node and Firebase Admin API to streamline development & deployment.
- Designed app wireframes & high-fidelity prototypes with Figma.

### INTERESTS

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

### EXPERTISE

Vue 2.x

Vue 3.x

Svelte

CSS

SCSS

Tailwind

Flutter

Firebase

Figma