

BROOKE PERKINS

DESIGN-DRIVEN FULL STACK SOFTWARE ENGINEER

ABOUT

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I'm a frontend-leaning engineer with a passion for building web applications that are **elegant, effective, and accessible**. I thrive in an environment that values my critical thinking, creativity, design insight, and technical skill.

TECH & TOOLS

- JavaScript
- TypeScript
- HTML/CSS
- React
- Redux
- Node
- Express
- Next
- Gatsby
- PostgreSQL
- QUnit
- Jest
- Git/Github
- Postman
- PGAdmin
- Figma
- Sketch
- Illustrator
- Photoshop
- InDesign

EDUCATION

Alchemy Code Lab | 2020 *Certificate in Full Stack Engineering*

800+ hours of intensive, full-stack software engineer training. Heavy emphasis on TDD & agile methodology.

University of Vermont | 2011 *BA English, French, Studio Art*

RELEVANT PROFESSIONAL EXPERIENCE

Software Engineer

🌐 [Matri Design, LLC](#) | October 2021 - present

- Took initiative to start a greenfield React project that will serve as gateway UI for E9 3D data visualization software.
- Writing Python scripts to manipulate E9 software and make 3D objects representing complex data sets in order to discover data patterns and trends.

Software Engineer & Teaching Assistant

🌐 [Alchemy Code Lab](#) | January - October 2021

- Built accessible, reusable frontend components from Figma wireframes implementing mobile-first CSS.
- Configured components via Builder.io, resulting in a WYSIWYG UI for an eventual major website relaunch.
- Offered empathetic guidance to students learning advanced concepts in software engineering.

Cofounder & Marketing Director

🌐 [PERK Builders](#) | August 2017 - June 2020

- Cofounded and marketed a successful sustainable tiny house construction company.
- Web development and design [site relaunch coming soon].
- Responsible for web traffic and sales, client database, and budgeting.

RECENT PROJECTS

DoodleChat [Site](#) | [Github](#)

React, Sass, Supabase (Firebase)

An app for real-time chatting and doodling with friends.

- Used Supabase's Realtime functionality to implement socket behavior and store user & chat information in database.

PageTrade [Site](#) | [Github](#)

React, Sass, Node, Express, PostgreSQL

An app for tracking & trading your favorite books safely & remotely.

Detestation [Site](#) | [Github](#)

React, CSS, Node, Express, PostgreSQL

Just what everyone needs—an app for planning a terrible vacation!