KATIE HOM

SOFTWARE ENGINEER

SUMMARY

Innovative and driven software engineer with a passion for creative problem-solving and a keen interest in web frameworks. Excels at communicating with teammates and clients, translating user requirements into code, and implementing those needs into front and back end web applications. Skilled at balancing and prioritizing project workload while focusing on positively impacting users, businesses, and beyond.

WORK EXPERIENCE

Full Stack Web Developer at Katie Hom Consulting | Remote

May 2019 - Present

Created full stack web applications and static websites for a variety of clients across small and medium-sized businesses. Consulted on design and SEO strategy.

- *Clear Water Counseling* - Brenna Foos | Telehealth Therapy
- *ReWoven* - Melissa Strong Lemire | New Mother Support
- *Colleen Bredell & IM Counseling* | Therapy & Counseling
- *Eurasian Pacifica Inc.* | Logistics & Freight Management
- *Innovative Music Solutions* - Leanne Wade | Music Therapy - *(In progress)*
- *Lodi United Congregational Christian Church* | Lodi, CA - *(In progress)*

Recent Projects:

Backstock **(Full Stack Web App) -** **GitHub Repo** **-** Users can keep track of items they have on hand including quantities, expiration dates, storage locations, and add out of stock items to a shopping list. REST API application using MVC with authentication built with Node.js, Express.js, MongoDB, Mongoose, EJS, Passport.js, Bootstrap, JavaScript, and CSS.

FridgeSpace **(Full Stack Web App) -** **GitHub Repo** **-** Users can upload children's artwork, greeting cards and other photos to display in their online gallery instead of on the fridge. Developed using Cloudinary, Node.js, Express.js, MongoDB, Mongoose, EJS, Passport.js, Tailwind CSS, and DaisyUI using MVC architecture.

Theory Revolution **(Web App) -** An interactive music theory application where users can drag and drop notes, build musical rhythms, compare rhythms with different sets of notes, and see where a rhythm falls within specific beats or parts of the beat. Built with React, Figma, CSS, and JavaScript.

Other Projects:

Ben Folds Songs - Custom API to search for Ben Folds & Ben Folds Five songs for album info

SongBeats - Find the top 100 songs at a specific tempo with GetSongsBPM API integration

Mission: Mars - Enter a date to see the daily Mars Curiosity Rover photo with NASA API integration

Build-A-Choir - Choral Music Ensemble Web App

Rowing a Round - Instrumental Music Web App

Choir & Voice Teacher at Cantare Con Vivo | Remote

August 2020 - Present

Instructed students in choir, group voice, and individual voice lessons; recorded video and audio rehearsal content using various technologies including self-created teaching tools.

CONTACT

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SKILLS

HTML

CSS

JavaScript

React

Node.js

Express.js

MongoDB

OOP

Figma

Design

Web Accessibility

EDUCATION

100 DEVS

Full Stack Web Development

UNIVERSITY OF KANSAS

Master of Music Education

LUTHER COLLEGE

B.A. Music Education