SPENCER IASCONE

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SKILLS   JavaScript, React, Redux, Rails, HTML, CSS, SQL, WordPress, MongoDB, Express.js, Node.js, Angular.js, ASP.NET, C#

EXPERIENCE

Software Engineer Intern

Stickyleaf Software, Inc.   Jan. 2021 - March 2021
- Contributed to Stickyleaf's product codebase by implementing feature enhancements and bug fixes (AngularJS, ASP.NET).
- Developed advanced marketing web campaigns in coordination with Stickyleaf's marketing team (WordPress).
- Participated in pair-programing, development sessions, code reviews and tech talks.
- Learned the following frameworks/languages; AngularJs, ASP.NET, C#, and WordPress.

Software Engineer Intern

Community Financial Resources   May 2020 - Dec. 2020
- Wrote SQL queries to assist in the analysis of financial transaction behaviors and trends.
- Developed UI Spec documentation to improve communications between the Management and Development teams.
- Learned the Xamarin mobile application framework (.NET, C#) and testing application functionality.
- Provided assessment reports regarding the difficulty/feasibility of desired changes to CFR's mobile application.

Owner Operator

Let's Fix That! Handyman and Home Repair Services   Sept. 2016 - Dec. 2019
- Operated a successful home repair business in California's San Francisco Bay Area.
- Developed sustainable relationships with clients resulting in increased client retention and new client referrals.
- Developed instructional lessons for customers interested in learning how to manage their own home maintenance.
- Maintained complex schedules that balanced multiple build components, deliverables and other repair crews.

PROJECTS

THOUGHT BOARD   (MongoDB, Express, Node.js, React, HTML, CSS)   live | github
Thought Board is a web application where users can visually organize their thoughts and create connections between them.
- Utilized the MERN stack in collaboration with colleagues to design UI with virtual bulletin boards and movable notes.
- Integrated Multer and AWS S3 to allow users to upload images.
- Integrated AWS S3 with MongoDB so that user uploaded images could be instantly retrieved and displayed.

GROOVE MACHINE   (JavaScript, Tone.js, HTML, CSS)   live | github
Groove Machine is a 32 step sequencer where users can create and manipulate original rhythm and melody loops.
- Utilizing HTML5, CSS and JavaScript, designed original UI including playback, tempo adjustment and resets that allow users to dynamically interact with and create original music.
- Integrated Tone.js to generate unique sound samples, optimize the overall application size and improve performance by removing the need for an audio library.
- Utilized complex DOM selection to create a simultaneous synthesis and playback sequence that allows users to manipulate their musical creations in real time.

MAKEABLES   (Rails, React, Redux, JavaScript, PostgreSQL, HTML, CSS)   live | github
Inspired by Instructables, makeables is an online community for makers, builders and DIY's and their projects.
- Integrated Rails ActiveStorage with AWS S3 to allow users to upload images.
- Implemented a preview feature by querying Active Storage to allow users to inspect their images prior to uploading.
- Utilized HTML, CSS, React and Redux to create a single page application that provides users a friendly and intuitive interface.

EDUCATION

Full Stack Development Certificate - *App Academy | Spring 2020*
BA Music Composition - *University of California, Davis | 2007 - 2012*