Shane McDonald

Software Engineer

Houston, TX | 512-650-9874

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Ambitious software engineer with a talent for absorbing new languages as requested. My prior experiences include project management, data analysis, research, product sales and management.

Software Development Skills

- JavaScript, Node.js, React, Redux, Firebase, Express, PostgreSQL, Debugging, Bootstrap, MaterialUI HTML, CSS.

Education

DigitalCrafts | Certificate in Software Engineering | Houston, TX   March 2021 - September 2021

- Software engineering training program covering full-stack development including JavaScript and its server-side technologies such as Node.JS, Express, and PostgreSQL to name a few. The training also included React, Redux, and AWS.

The University of Texas State | B.A. in English | Houston, TX   August 2013 - May 2019

Software Development Portfolio

E-Commerce App | buy-weird-things.herokuapp.com | https://github.com/AydenApollo/e-commerce.git

- Successfully created a function shopping cart that enabled the user to choose from a diverse assortment of goods and place into an e-commerce shopping cart.
- Focused on clear and efficient routing within React.js and aesthetics with a third party library.
- Built with React.js, JavaScript, and Material.UI.

Strava Dashboard App | runnerdashboard.herokuapp.com/ | github.com/TaylorFurman/runningDashboard

- Successfully collaborated on a data representation application that utilized data to create visual and interactive graphs and geo-maps.
- Focused on querying a server-based database, calling API's, back-end efficiency, concise front-end, and implementing the full-stack to deliver an accurate geo-map and bar-graph to represent real life data.
- Built with JavaScript, Node.js, Express, PostgreSQL, Chart.js, Polyline.js, PG-Promise, HTML, and CSS.

Task Manager App | https://github.com/Kavian-Spells/daily-task-manager.git

- Successfully collaborated in creating an application that would generate motivational life tasks for the user. The user could choose from a criteria or generate a completely random task. The user would then be given a "due date" to complete the task and to receive another one.
- Focused on creating a database, functional programming, and querying API data.
- Built with vanilla JavaScript, HTML and CSS.

Professional Work Experience

Construction Journal | Data Analysis and Research | Houston, TX   August 2020 - Present

- Track and report construction projects in several states and counties. Successfully manage and track dozens of projects on a daily basis. Efficiently correspond with developers, owners, contractors, architects, and engineers.
- Routinely collaborated with team data project structures to ensure project coverage and accurate reporting. Maintained large data files of project information in an organized manner.

Concept Services | Project Manager | Austin, TX   October 2019 - April 2020

- Successfully managed several active restaurant construction projects in the Austin area. Maintained a professional standard of project organization, routinely corresponded with CAD engineers, architects, contractors, and developers. Lead projects all the way from conception to operation.
- Was the main correspondence between clients and distributors. Brokered product deals and oversaw the relationship between client and product owner and the construction crews.
- Maintained immense data files and project profiles every day. Managed the accounting and finance reports for the department.

Mattress Firm | Sales Manager | Austin, TX   September 2017 - August 2019

- Successfully operated and managed my store as well as routinely met my sales quotas and goals. Routinely collaborated sales goals with teams and with management.
- Managed finance reports and handled the accounting for my store.