

# SETH J. VANCE

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## SKILLS

- **Front End** – HTML5, CSS3, JavaScript ([React/Redux](#), [jQuery](#)), Bootstrap, Semantic, Foundation, and Kendo-React
- **Back End** – Node.js/Express, Handlebars, Mongoose
- **Databases** – SQL Server, MySQL, and MongoDB
- **Version Control** – Git, GitHub
- **Cloud** – Heroku, Netlify
- **General** – Modern UI/UX Design, Accessible and Responsive Mobile First Web Design, Object-Oriented Programming, Source code management, Algorithms, and Data Structures, Software Design Models, Agile and SCRUM Development
- **Other** – Microsoft Office Suite

## PROJECTS

### Cadmium Art Events (V.2) [LINK](#)

- A crowd sourced application for finding, exploring, and posting art events for the city of Richmond, Virginia.
- This application was built in MERN stack. It has a MongoDB database and Mongoose ODM, an Express server and RESTful API.
- Developed by a team collaborating with Source Code Management through GitHub.

### Kendo-React-Exercise - [LINK](#)

- A front-end application built using Kendo-React UI, and Bootstrap in order to display data from a JSON file to users/employees within a company in a clear and concise manner.
- Users can view information on multiple Payees, Payments, and Remittances on a grid, and easily sort the information by category for a nice and polished user experience.
- This exercise/assessment was built with mobile-first design, and utilizes responsiveness on multiple viewports.

### GigHub Music - [LINK](#)

- GigHub Music allows Consumers and Artists to search for Venues where live music occurs in any city within the United States.
- A dynamic map plots points for these Venue locations, and additionally brings in data from YouTube for further Venue research locally or from afar.
- GigHub Music was built in JavaScript uses MapQuest and YouTube APIs, and was developed collaboratively with Source Code Management.

### Workout Tracker - [LINK](#)

- Workout Tracker is a JavaScript application where users can track their workouts and create new workouts to log in the back-end database as well.
- Users can log multiple exercises in a workout they've done for that day with functionality for different types of exercises, amounts of reps/sets, weight amounts, duration of an exercise, or distance traveled.
- Built using JavaScript with a MongoDB database, Mongoose ODM, Node.js/Express, and Robo3T for data interaction.

### E-Commerce Back-End - [LINK](#)

- A working, configured Express.js API with CRUD functionality that uses Sequelize to interact with a MySQL database.
- The E-Commerce backend application stores data for different products, categories, and tags for items you may find on an E-Commerce website.
- You can view, post, update, or delete data from any of these categories. Data is displayed in JSON format for all API routes when tested with Insomnia Core.

## EDUCATION

### Certification, University of Richmond Software Development Boot Camp Feb 2021 – Aug 2021

- A 6-month intensive coding program focused on gaining technical programming skills in HTML, CSS, JavaScript, jQuery, React.js, Node.js/Express, progressive web apps, agile methodologies, data structures, algorithms, RESTful APIs, database theory, responsive mobile-first design, MongoDB, MySQL, Git, and server-side rendering.
- Involved multiple development group projects, along with weekly graded assignments. Finished in the top of the class with A+ average.