

James Spencer

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I am a self taught developer looking for an opportunity to learn and grow by working within an experienced team.

Skills

JavaScript (ES6+) || Jest (Unit Testing) || React || React-Router-Dom || HTML || CSS || Scss/Sass || JSON || NPM || Babel || Webpack || ESLint || Git || Unix Terminal

Personal Profile

I first became interested in programming by learning to use Python for investment analysis and quickly found it very enjoyable learning fundamental programming concepts and building simple applications. This eventually led me to the decision to pursue software development as a career. I began learning through the paradigm of web development in May 2021 and I am now completely certain this is what I want as my vocation. To continue improving in this discipline I want to work in a team with people who are more experienced than me whom I can learn from.

Portfolio

FakeShop

An example E-commerce Website. It consumes an example API from the Fake Store API, takes the data and displays it in a functional React App which uses React-Router-Dom and dynamic client-side routing. I increased my confidence using React-Router-Dom, asynchronous JavaScript in React and how the unidirectional flow of data works.

Battleship Game

A single player Battleship game against a computer. I created this app to learn TDD and in particular unit testing. I built it using JavaScript, Jest, HTML, Scss/Sass, NPM, Webpack, Babel and ESLint. I was able to further my knowledge of TDD, unit testing and Scss/Sass by doing this.

Weather Application

A web app for looking up the current weather conditions for a location. I constructed the app using ES8 JavaScript (async/await), OpenWeather API, HTML/CSS, NPM, Webpack and Babel. From this I was able to solidify my knowledge of asynchronous JavaScript, the JavaScript event loop, APIs and JSON data.

To-do List

A to-do list application. I used ES6 JavaScript, HTML/CSS, NPM, Webpack, localStorage API and ESLint to build the app. I was able to become clearer on how to create more concise functions which only do one thing as well as improve the readability of my code through descriptive function and variable naming.

Work Experience

Property Developer, Wickham Place Property

2015-current

- A startup property development company I started with my family.
- I managed contractors for design, construction and property management.
- I liaised with local government to ensure compliance of construction to building and HMO standards.
- I analysed potential projects by estimating costs and potential selling values to find ones with good return on investment.
- I researched different strategies to find the correct one for the area.
- I obtained information needed to do analysis through interacting with specialists in each field.

Education

University of Edinburgh

2010-2014 Social Sciences and Humanities (Majoring in History) (BA)

International Baccalaureate

(40/45) Higher Level: Physics, Art, History. Standard Level: English, Japanese, Maths Studies.

Languages

Intermediate Japanese