

# James Spencer

Full Stack Web-Developer

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After learning the basics with python I began learning programming 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.

## SKILLS

JavaScript Express React React Hooks React Router MongoDB Mongoose Jest HTML CSS Scss  
Git Unix terminal REST APIs Unit testing Webpack EJS

## PROJECTS

### Blog

- Utilised: Express, React, MongoDB, Mongoose, REST APIs, JSON web-tokens.
- A full MERN stack blog with a user and CMS front-ends connected to an express back-end with a RESTful API.
- I was able to solidify my knowledge of how a full MERN stack application can be created.
- I learned how REST APIs are structured and how to connect with the front end.
- I protected API routes with JSON web tokens for authentication.

### Battleship

- Utilised: JavaScript, Scss, Jest, TDD (unit testing), Webpack.
- A single player battleship game against a computer.
- It was built using TDD unit testing to create code that does what it is supposed to do with avoiding bugs as a side effect.
- I gained a better understanding of how unit testing works using jest.

### FakeShop

- Utilised: React, React Router, API consumption.
- An example e-commerce website.
- I was able to understand how the 'Data down, actions up' design pattern works in react with a unidirectional flow of data.
- I Gained a better understanding of how to consume REST APIs in React and display the data.
- I Learned how to do client side routing in react.

## WORK EXPERIENCE



### Property Developer

Wickham Place Property

01/2015 - Present

A property development company I started with my family.

#### Achievements/Tasks

- 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



### BA Social Sciences and Humanities (Majoring in History)

University of Edinburgh

09/2010 - 07/2014

## LANGUAGES

Japanese

Limited Working Proficiency