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📍 Alnwick, Northumberland

in jason-smith-code

Jason-Smith-Code

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LANGUAGES

- HTML
- CSS
- Javascript
- JSX

SKILLS

- React
- Node
- React Router
- Redux
- Jest
- React Testing Library
- Responsive Design
- Git
- Web Pack
- Visual Studio Code
- Github
- Figma

SOFT SKILLS

- Time Management
- Communication
- Self Learning
- Self Motivation
- Problem Solving

JASON SMITH
ASPIRING REACT DEVELOPER

PROFILE

Self taught developer with 4 Years experience using HTML and CSS to build responsive, optimised websites. 2 years experience working with Javascrpt, and 1 Year experience using React to build portfolio projects. Super keen to continue learning more languages, libraries and frameworks. Wants to become an asset to a team.

HOBBIES & INTERESTS

Painting & drawing, Gaming, spending time with family, country walks.

OBJECTIVE

Continue expanding skills and knowledge with particular interest in React. Increase speed and efficiency in writing code. Further develop problem solving skills. To engage with, and learn from other developers who share the same passion.

HISTORY

2021 - 2022 | Code Academy : Front-end Engineer Course
2018 - 2021 | Business Owner : CAS Web Design
2012 - 2022 | Business Owner : Create Art Supplies
2004 - 2016 | Sales manager : Alnwick Paint & Glass
2002 - 2004 | College : National Diploma - Fine Art
2000 - 2002 | College : National Diploma - Graphic Design
1996 - 2000 | Duchess High School : GCSE's

PERSONAL DEVELOPMENT

CODE ACADEMY COURSE - FRONT-END ENGINEER

I picked this course to refresh and expand upon my existing knowledge, to learn more about Javascript and frameworks such as React. I really enjoyed this course, it gave me the confidence and ability to start my own projects and continue learning.

HTML: Resfreshed my knowledge of HTML.

CSS: Being very confident with CSS this too was a refresher. It covered responsve design, so I worked with and fully understood flex box, I also learnt about CSS grid and have been using this in some of my projects.

Javascript: Up until this point had used a little javascript, this course covered variables, delaration, data types, conditions, functions, scope, arrays, loops, objects, iterators, errors and debuggng. I can now confidently write javascript and have explored a number of methods from mdn documentation.

Version Control: I was introduced to the concept of version control, I learnt about Git and its commands to add, push and pull commits to my Github repository. I continued to use these commands throughout the course. I also learned about Markdown, using it to write up readme files for each project.

React: Was a pleasure to work with, I began with version 17, moving on to version 18 when it was released in March. I learned about the Virtual DOM, React's ability to make changes to the front-end without refreshing the page. Amazing. It covered JSX which was an easy to learn syntax extention to Javascript used to describe UI. I initally learned about Class Components, then moved onto writing Functional components. I learned about state, passing props to child components. I learned about fetching data from Api's using async await.

Libraries: I learned the benefits of, and how to use Redux and Redux toolkit for managing the state of an application, which made it very easy to access state from any component. I also learnt about React-router using it in several projects to create paths to pages of the application.

Data Structures: I read about singly linked lists, doubly linked lists, queues, stacks, hash maps, trees, heaps, and graphs.

Algorithms: I read about binary search, search trees, graph traversals.

Testing: Learned about Test Driven Development, libraries like Mocha, Jest and React Testinig Library. How its best to write failing tests first then code. I feel much more confident writing tests, which in turn gives me more confidence in my application.

PERSONAL DEVELOPMENT

WEB DESIGNER

Built up knowledge of HTML, CSS and Javascript Working as a web designer building and maintaining a number of websites for clients. I have a great understanding of how to apply responsive design whilst meeting accessability standards. Some knowledge of SEO, I am able to perform optimisation of page load speeds based on the analysis of either Gt-metrix or Pagespeed Insights. I've also used wordpress for a number of years along side Oxygen as a builder. I developed communication skills by engaging with clients over the phone, by email and face to face, I was able to communicate clearly to clients who had little to no understanding of a website. Reference: Katherine renton : 07546 366 372

BUSINESS OWNER - CREATIVE ART SUPPLIES

During the first 4 years I worked a full time job and ran my business on evenings showing that I am committed, hard working and determined. In 2017 I opened up a physical store, here I gained customer service skills and was known for being friendly and knowledgable. I was entirely self motivated, which demonstrates my ability to be productive whilst working alone. During the past 5 years I shared a premises with another business, we worked closely together, he may give you an idea what I am like to work with. Reference: Mick Davison : 01665 600901

STORE MANAGER - ALNWICK PAINT AND GLASS

Alnwick Paint and Glass was a small but busy business, I worked as store manager learning to work with other members of staff, most of this job was customer facing which helped develop my communcation skills. Unfortunately one of the business owners developed a very serious illness during my time there reducing his ability to communicate. I learned to adapt to this, taking more responsibility and less instructions so that the business could continue to operate. I enjoyed a great relationship with the owners and customers, but ultimately wanted to pursue something I enjoyed. Reference: Business Owner - Russell Baston : 07966 466227

ASHINGTON ART COLLEGE

Studying fine art and graphic design I pursued a creative career, here I learned how to develop ideas converting them into a visual final result. The process involved research, brainstorming, sketching and refining an idea. I have used this process when dealing with web design clients to explore their business, and convert that research into something visual, so that each and every aspect of the website has some connection to their business. I gained a lot of experience working with colour which certainly helped with designing and planning a theme.

TECHNOLOGIES

- ◼ HTML
- ◼ CSS
- ◼ Javascript
- ◼ React
- ◼ Redux Toolkit
- ◼ React Router
- ◼ Jest
- ◼ React Testing Library

WORK FLOW

- Research
- Plan project
- Brain storm Title
- Colour theme
- Wireframe
- Setup Github
- Install packages
- Setup file structure
- Implement Layout
- State management
- Implement forms
- Implement features
- Implement React Router
- Build the menu
- Category page template
- Light / Dark mode
- Create guide page
- Persisting data
- Implement Clear Data
- Test application
- Responsive design
- Deploy to Github

Project:

TASKIFY
TASK LIST APPLICATION

OBJECTIVE

Taskify will be a mobile responsive web application, it will have a beautiful, modern and minimalistic user interface allowing users to switch between a light and dark theme. Taskify will allow users to create, delete, and edit categories as well as create, delete, edit and complete tasks. An off screen menu will be available to allow users to navigate the application. Each category will have its own page where the user can view a simplified interface of tasks in that category. The default page of Taskify will be an overview of all categories and tasks. There will be a guide page to illustrate how to use the application.

RESULT

I discovered Figma which was an excellent tool for wire framing, I was able to quickly mock up a plan of the application for both desktop and mobile.

For version control, I used git commands to push and pull commits to and from my github repository.

This project involved managing various states from several components, I wanted to reduce the work load of passing props through the file structure by working with react-redux and redux toolkit.

I worked with react router to allow me display content on different pages, some of which were dynamic user generated urls from category titles. This involved converting their category title into a string, replacing white spaces with hyphons, and restricting characters.

Taskify achieved its objective of allowing users to group their tasks into custom categories which helps increase organisation and productivity.