



JASON SMITH

ASPIRING SOFTWARE DEVELOPER

CONTACT

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SKILLS

Visual Studio	■ ■ ■ ■ ■
Github	■ ■ ■ ■ ■
Responsive Design	■ ■ ■ ■ ■
HTML	■ ■ ■ ■ ■
CSS	■ ■ ■ ■ ■
Javascript	■ ■ ■ ■ ■
React	■ ■ ■ ■ ■
Redux Toolkit	■ ■ ■ ■ ■
Node	■ ■ ■ ■ ■
Git	■ ■ ■ ■ ■
Jest	■ ■ ■ ■ ■
Web Pack	■ ■ ■ ■ ■
Figma	■ ■ ■ ■ ■

These stats are an indication of my confidence in each language, library, framework or application

PROFILE

I'm 38 years old and live just 30 miles north of Newcastle. I've spent the past 2 years preparing for a career change to follow my passion and become a software developer. I love working with Javascript, I'm super keen to learn more languages and libraries, I would love to land a role as a react developer and become an asset to a team.

OBJECTIVE

I am self taught, the experience I have has been gained through building projects created during my learning journey. I'm looking to continue expanding my skills and knowledge with particular interest in React but I'm keen on any kind of progression in front end development. I'm also looking forward to meeting, engaging with, and learning from other developers who share the same passion.

CONTRIBUTION

I'm currently looking to contribute to any organisation to gain work experience.

HISTORY

- 1996 - 2000 | Duchess High School : GCSE's
- 2000 - 2003 | Ashington College : National Diploma - Graphic Design
- 2003 - 2004 | Ashington College : National Diploma - Fine Art
- 2004 - 2016 | Sales manager : Alnwick Glazing
- 2012 - 2022 | Business Owner : Create art supplies
- 2018 - 2021 | Business Owner : CAS webdesign

PERSONAL DEVELOPMENT

WEB DESIGNER

I worked part time as a web designer along side my other business, I built a small number of websites for clients, and maintained them during this time. Initially, the websites were static, and hand written with HTML, CSS and javascript. It was here I built up my knowledge in those languages, I also learned about SEO, responsive design, and how to optimise websites using GT metrix. Later I begin transferring static sites to wordpress, working with Oxygen as a site builder. I developed communication skills by engaging with clients over the phone, and face to face, I was able to communicate clearly to clients with little to no understanding of a website, explaining and answering any questions so they they understood what was involved.

Reference: Katherine renton : 07546 366 372

BUSINESS OWNER - CREATIVE ART SUPPLIES

I worked alone during these 9 years handling every aspect of the business myself, I built and maintained a prestashop website, handled online sales, converting a £10000 business loan in £30000 worth of stock. at a later date I opened up a physical store where I gained customer service skills, and was known for friendly, knowledgable service. I was entirely self motivated, I gained a great level of respect and understanding for business owners which would certainly be a great point when working for another company. I shared a premises with another business during the last 5 years, he may give you an idea what I am like to work with.

Reference: Mick Davison : 01665 600901

STORE MANAGER - ALNWICK PAINT AND GLASS

During my 10 years working as a store manager I learned to work with other members of staff, most of this job was customer facing so I had a lot of experience working with customers face to face. One of the business owners developed a very serious illness during my time there, which resulted in deteriorated communication. I learned to adapt to this, taking more responsibility and less instructions so that the business could continue to operate as normal. I enjoyed a great relationship with the owners, 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, I learned how to research and develop ideas, converting those ideas into a visual final result. It was an interesting process where we spent a set amount of time doing research and brainstorming. We would then create a set of ideas from the research, allocating time to explore and develop those ideas to produce a refined final result. 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, I learned how to segment a project into steps and allocate time to each step.

2018 - 2021

2012 - 2021

2004 - 2016

2000 - 2004

TECHNOLOGIES

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

WORK FLOW

- Research to-do applications
- Research to-do applications
- Plan project
- Brain storm Project Title
- Pick a colour theme
- Create a wireframe
- Setup Github Repository
- Install packages
- Setup file structure
- Implement Layout and theme
- Implement state management
- Implement forms
- Implement features
- Implement React Router
- Build the menu
- Create template for category pages
- Add a Light / Dark mode
- Create guide page
- Implement persisting data
- Implement a "clear data" button
- Test application
- Implement responsive design
- Deploy to github pages

Project:

TASKIFY

TASK LIST APPLICATION

DESCRIPTION

Taskify is a task list react web application which allows users to fill in a short form to display their tasks. A user starts off by creating a category to organise and group their tasks. After creating a category the user can then start adding their tasks, each task can then be marked as complete, edited or deleted.

OBJECTIVE

Taskify will be a mobile responsive application, it will have a beautiful modern and minimalistic user interface and allow the user to switch between light and dark mode. 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. I will get feedback on my application and make adjustments if needed. I aim to create this application in 30 days working part time.

RESULT

I discovered Figma for wire framing, which seems to be fantastic software, I was able to quickly mock up a plan of the application both in desktop and mobile.

At this stage I have been using git commands to push and pull commits to my github repository with no issues.

During this project I had to work with managing the state of the application, since there are a lot of components and several layers of state I wanted to reduce the work load of passing props to components in different files by working with react-redux. I also am familiar with Redux Toolkit and prefer to use this on any project using state management as it simplifies the process, and in my opinion, is more organised and easier to maintain.

I had to make some alterations to my code when using react router to build dynamic user generated urls. When creating a category, the application generates a new page using the category title, it also populates the menu with a link to help with user navigation.

Difficulties I ran into:

Checking documentation is generally enough for me to overcome problems. I used documentation to help with jest testing, I feel much more comfortable testing after building this app.

If I had more time, I would certainly look at using react-dnd for dragging and dropping tasks.