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# Skills

HTML + CSS

1. knowledge of HTML5 , semantic markup and local storage .
2. Adept in modern CSS3 including flexbox and css grid.
3. Familiar with breakpoints and responsive practices.
4. Experience with bootstrap 4 framework components and css shorthand.
5. Awareness of valid markup and online validators e.g. W3C HTML validator.
6. Have worked with Post-CSS Pre-compiler(node.js) to create highly organised modular css
7. Worked with the BEM methodology to organise naming in CSS.

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JavaScript

1. knowledge of javascript concepts and functions.
2. Familiar with the document object model and traversal.
3. Ability to read , write and extract json information .
4. Proficient in ajax and server side requests.
5. Write ES6 object orientated javascript.
6. Have used import/export with node.js to create modular highly organized javascript.

PHP

1. Experienced with php functions, loops and data types.
2. Worked with php locally on apache server.
3. Used php with wordpress to create custom template with custom plugins and fields.

Python

1. Familiar with basic python writing and running .py files
2. Aware of the different data structures available and how to use them.
3. Can define and call a python function.
4. Familiar with try and expect
5. Aware of the different iterations and loops and how To use them. To alter program flow.

Vue.js

1. Experience setting up vue.js to work with node.js and npm.
2. Have used packages vue-loader and vue-router.
3. Aware of the different states and hooks used to manipulate vue.
4. Knowledge of reactive data and implementation with user input.
5. I have knowledge of apis and using them within the vue ecosystem.
6. Have performed template optimization and lazy loading on vue instance

To optimize page speed and improve lighthouse score.

React

1. Experience with implementing react through gatsby and next.js.
2. Understanding of functional react and use effect hook
3. Efficient with jsx and the differences between normal html.
4. Have used firebase with react to provide cms and authentication.

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GIT/GITHUB

1. Familiar with most common git commands.
2. Familiar with git project merging and branching.
3. Knowledge of the pull, push and fetch commands.
4. Working knowledge of github and the repository settings.
5. Managed sites with github pages.

Node.js/NPM

1. Used npm to manage packages and plugins needed for a modern site.
2. Familiar with package documentation and implementation.
3. Aware of the npm install and audit features and how to use them.

Webpack

1. Experience of webpack and front-end build tools and environments.
2. Can work with webpack.config files to create things like document rules.
3. Aware of the resources available to customize webpack and builds.
4. Able to code split and lazy load using webpack chunks.

Netlify

1. Experience in setting up Netlify backend and automation from github.
2. Able to leverage Environment variables and aws lambda functions.
3. Adept in working with namespaces and custom urls.

SEO/digital marketing

1. Familiar with meta tags and geolocation.
2. Knowledge of keyword tools .
3. Use of google analytics for page statistics and conversion data.
4. Ability to analyse info returned from google to implement a/b user testing.
5. Previous experience with webmaster tools uploading sitemaps and requesting robot visitation.
6. Have used Lighthouse to audit and improve seo, accessibility and page speed.

General

1. Good at logical thinking and problem solving.
2. Good foundation in principles of marketing .
3. Effective communication skills.
4. Focused with an ability to improve own learning and skills.

# Education

## **2007**- **2011**

### Liverpool hope university*-* BA (Hons) Business and IT

Related Modules included:

| Web design  * Data structures and   problem solving   * Basic web design. * Advanced web design. | Business  * Marketing and   Corporate identity. |
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August 2020

### Michigan state university - online certificate

An introduction to python.

### Michigan state university - online certificate

Web Design for Everybody: Basics of Web Development & Coding

# Experience

## Apr-2022 to present volunteer frontend web developer for browsio.co.uk.

*Other non relevant work experience available on request.*

# Portfolio

I have a number of projects which I have been working on in my spare time. These include technologies such as HTML5, CSS3, JavaScript and utilized tools such as git, webpack

And NPM.

This portfolio can be viewed at [www.realworldwebportfolio.com](http://www.realworldwebportfolio.com)

The source can be viewed at [www.github.com/realworldweb/portfolio-site](https://github.com/realworldweb/portfolio-site)