HAYLEY MCCAFFERTY

Front End Developer

Basingstoke, England | 🏠 haylzrandom.co.uk | in hayleymcc | ⬡ haylzrandom | ✉ hayley.mcc@gmail.com

With extensive experience as a Data Operations Engineer and a strong passion for web development, I am transitioning into a Web Developer role to combine my expertise in data management and software engineering. My proficiency in database design, development, and administration, along with a solid background in programming languages such as HTML, CSS, JavaScript, and front-end frameworks like React, equips me to create visually appealing and highly functional web applications. As someone with a deep understanding of user behavior, I am dedicated to developing user-friendly web experiences that exceed expectations. My ability to identify and solve complex problems makes me an asset in this transition, and I am excited to apply my technical skills, creativity, and problem-solving abilities to deliver innovative and engaging web experiences that enhance the user experience and drive business growth.

SKILLS

| HTML5 | CSS3 | JavaScript | React | Redux | Git | Github | T-SQL | Visual Studio Code | Bitbucket | JIRA |

SIDE PROJECTS

CLOTHING ECOMMERCE STORE WEBSITE

React React Router Redux Firebase Stripe SCSS

A clothing e-commerce website that allows users to create an account or login with a Google account, add products to their cart and checkout using Stripe API. Client-side created using React and SASS. Server-side created using Firebase for authentication and databse storage.

MERN STACK - ANGELTECH HELPDESK SYSTEM

React Redux Node.js MongoDB Express.js

A helpdesk application that allows users to login to an account, create tickets for technical issues, update tickets and admin users can create, delete and manage other user accounts. Client-side created using React. Server-side created using MongoDB for databse, Express.js and Node.js for API.

REST COUNTRIES API WITH COLOUR THEME PICKER

React HTML5 CSS3 JavaScript Axios React Router API

Website that pulls data from REST Countries API and allows a user to filter by different terms such as continent and also allows a user to find a specific country through search. Colour theme can be changed via a click of a button. Client-side created using React, Axios, CSS3 and React Router.

EDUCATION

UNIVERSITY OF STIRLING

Computing Science BsC | 2:1

CERTIFICATIONS

FRONT-END ENGINEER

CodeAcademy
HTML5 CSS3 JavaScript Git Github Mocha React React Router Redux

COMPLETE WEB DEVELOPER IN 2023: ZERO TO MASTERY

ZeroToMastery
HTML5 CSS3 JavaScript Git Github React APIs Node.js Express.js

COMPLETE REACT DEVELOPER IN 2023 (W/ REDUX, HOOKS, GRAPHQL): ZERO TO MASTERY

ZeroToMastery
React React Router Firebase React Context Netlify Redux APIs GraphQL TypeScript Webpack

RESPONSIVE WEB DESIGN

FreeCodeCamp
HTML5 CSS3

JAVASCRIPT ALGORITHMS AND DATA STRUCTURES

FreeCodeCamp
JavaScript Regular Expressions OOP Functional Programming

FRONT END DEVELOPMENT LIBRARIES

FreeCodeCamp
Bootstrap SASS React Redux

DR FOSTER (TELSTRA HEALTH UK)

Data Operations Engineer | 2016 - 2021

- Devised appropriate levels of process documentation, production data schedules and also relayed internal communications about data processing activity to upper management, resulting in a more efficient work flow.
- Developed an in-depth knowledge of data, processes and transformations with an emphasis on providing support, guidance and onboarding to customers eliminated the waiting period from 3 weeks to 1 week.
- Deployed and released production data each month with a 90% on time success rate for 4 years.
- Maintained ownership of the configuration management process for data processing while contributing to the evolution of standards and processes achieving 90% reduction in preparation of processing every month.
- Operated the data asset register and affiliated maintenance routines to comply with ISO 27001 audit certification every year.
- Won Dr Foster Hero award within 6 months of starting at the company.

STOREFEEDER

Web Developer - 2nd Line Support | 2016 - 2016

- Improved eCommerce web application with mentorship and guidance from senior developers.
- Diagnosed, resolved and performed RCA on 100+ issues relating to web application and attached database systems.

BOOTS UK (WALGREENS BOOTS ALLIANCE)

Technical Analyst | 2013 - 2015

- Created solutions for customers using SharePoint Online 2013 platform which lead to an uptake of 50% of SharePoint sites being created.
- Maintained company wide SharePoint Hybrid platform with on-call support for serious issues.
- Performed and coordinated RCA with a team based in India.
- Main point of contact for coordination of work on support and projects between Nottingham and India.
- Guided and mentored junior apprentices on the team and helped develop skills for future careers.