




# HAYLEY MCCAFFERTY

Front End Developer

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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



## 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 database 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 database, 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

### WORK EXPERIENCE

#### DR FOSTER (TELSTRA HEALTH UK)

Data Operations Engineer | 2016 - 2022

- 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.