Charles Taylor Hall

Full-Stack Developer
JavaScript || Express || Node || Postgres || React

Github   **Portfolio**   **Linkedin**   **Gmail**

Skills:

HTML, CSS, JavaScript, React, Node.js, PostgreSQL, Express, Typescript, TDD through Jest and Cypress testing.

Who I am:

I am a Node.js and React Developer with a passion for test-driven development, honing my skills with Jest and Cypress. Currently, I'm expanding my JavaScript knowledge by learning Typescript.

As a recent Coding Bootcamp Graduate, I focused on mastering React Application Development through personal projects and specialized courses.

My journey into software engineering was inspired by witnessing the trans-formative impact of technology in 2020. I believe that with the right attitude and a thirst for learning, anyone can thrive in this industry. Coming from an aviation background, I embrace collaboration and excel in diverse, cross-functional teams.

Projects and Coding Bootcamp Experience:

School of Code: Coding Bootcamp September 2022 - March 2023
16 Week Coding Bootcamp where we learned about HTML, CSS, JavaScript fundamentals, React framework, Node.js, PostgreSQL, Jest unit testing, and Cypress end-to-end testing. We also were taught how to operate as an agile software team.

Final Project:
Devault:
- For my final month-long project, I worked in a team of 5 members from my cohort.
- I implemented strategies on how the team would operate in an Agile way and how we would best communicate as a team. This increased our productivity as a team and have a structured way to work as we progressed in development.
- Created a React app, utilizing the useState hook and conditional rendering, this enabled the project to allow users the ability to keep the jobs they had applied for specific to their profiles on the application.
- Developed a fully functioning backend using Node.js and Express to handle HTTP requests, models, and routes to our PostgreSQL database. Users were able to create a job listing, update it, get all the jobs they had currently applied to, and delete them.
- Implemented test-driven development through the use of Jest as we progressed through the development of our project.

Commercial Experience & Other Projects:

Izzy Hall Yoga Studio:
- Created a functioning React booking form for the business owner of a Yoga studio in Melbourne.

- Implemented server hosting with Express and utilized Node.js to handle the GET requests and mailing functionality.
- The business owner can now receive emails every time someone books through the website, thus being notified of the number of people booked into her class.

Employee CRUD Tracker:

- Developed a functional CRUD React application where users can create, edit, and delete employee records.
- Implemented a GET request to the server upon mounting, where routes and models are handled, and HTTP requests are made to the PostgreSQL database. This allows users to see the current amount of employees they have registered.
- Created backend routes and models to handle HTTP requests, which are then linked to the frontend through specific button interactions. Allows for a seamless user experience through being able to click the buttons and get results.

Mens Support Network:

- Currently working on a men's support network React application that focuses on helping men to communicate and reconnect with each other regardless of their location.
- The functional goals of this application include features that allow men to create their own network circles surrounding topics they want to discuss with other men.

Previous Employment:

NHS - Cheshire and Wirral Partnership Cold Chain Manager
Feb 2021 - Feb 2023

- Oversaw the management of the cold chain with the AstraZeneca and Pfizer vaccines.
- Ensured minimal wastage of vaccine doses by implementing clear communication protocols between healthcare professionals and vaccinators.
- Implemented strategies between colleagues and the chief pharmacist to ensure vaccines were kept safe and administered correctly.

Cabin Crew - Emirates Airline Dubai - UAE
June 2015 - Feb 2019

- Inspired my colleagues by exceeding customer expectations by engaging with them on each flight and recommending to them unique activities to do during their stay in the destination they were traveling to.
- Cultivated my customer service skills and my ability to be engaging and empathetic towards customers through encouraging interactions with special needs customers whenever I could.
- Increased crew productivity by communicating with crew management on how to optimize the time spent between customer boarding and service delivery.

Hobbies:

Hatha Yoga, The Gym, Jujitsu, History and Reading.