Joshua Forster | Front-End Developer

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Profile

I have a keen interest in solving problems and driving innovations that elevate user experiences. My interest in nutrition, life sciences and teaching fuels my desire to work on projects that push the boundaries in these areas. With a foundation in HTML, CSS, JavaScript, Typescript, Tailwind and a focus on React, I bring a unique perspective to developing user-centric interfaces, especially combining my areas of interest.

There is a lot more for me to learn in the field of web development. I am eager for an opportunity that challenges me and supports my ongoing development as a professional.

Nothing excites me more than the prospect of a role that requires me to continuously adapt and learn new frameworks and technologies. I thrive in environments where I am always a student, eager to expand my knowledge and apply it in innovative ways.

Portfolio projects

Norfolk Health Fitness - Fitness education provider
- Responsibilities: Transitioned the existing WordPress site to a custom-coded solution using Vanilla JavaScript and CSS to address issues with code bloat, spam, and security vulnerabilities.
- Performance Optimization: Significantly reduced website code complexity, improving speed and SEO.
- Revamped colour schemes to meet accessibility standards.
- Secure Payment Integration: Implemented Stripe to handle course payments securely.
- Content Management: Introduced a headless CMS using Contentful, enabling the site owner, a non-programmer, to easily manage updates and blog content without technical assistance.

Foodcruitment - A web app, where those in the food industry can either look for jobs or recruit staff

- Implemented React Router Dom and Tailwind CSS, for simple navigation
- Implemented Google Firebase, for user authentication and database handling.
- Food recruiters can make an account and submit a job listing, this gets pushed to the Firebase database
- On the search for jobs page, a fetch call is then made to the database where it renders the data into jobs for job searchers to find.

Sweeteners - A Web App to Explore NNS

A platform dedicated to educating users about a wide range of Sweeteners. The app serves as a guide, helping users understand the benefits, uses, and potential side effects of various sweeteners.

- Data Structure: Crafted a detailed array of objects representing different sweeteners, including their descriptions, health benefits, recommended dosages, and scientific evidence, ensuring users receive reliable and well-structured information
- Navigation and UI: Implemented React Router for intuitive and seamless navigation, enhancing the user experience by facilitating easy access to different sections of the app.

Skills

HTML | CSS | JavaScript | Typescript | ReactJS | React-Router-Dom | Tailwind CSS | Figma | Git | GitHub | API integration | Firebase | SEO Best practises | Responsive Design | Accessibility | UI/UX practises

Career History

Norfolk Health and Fitness 2021 – Present

- Assessed trainers for Level 2 Fitness Instructor and Level 3 Personal Trainer qualifications, showing strong problem-solving and communication.
- Taught classes for up-and-coming fitness professionals, having to communicate with a diverse range of people
- Created an online learning portal, greatly reducing the need for tutors and cutting costs for the owner by providing a self-study resource for learners.

- Working for Norfolk Health and Fitness has kicked off my interest in web development, as I was keen on finding digital ways to streamline education, engage learners and solve problems.

Education

- Scrimba Frontend developer career path (2023 – 2024)
- MA Communication Design (Norwich University of the Arts) (2022 – 2023)
- Active IQ Level 3 Tutor (2021)
- BSc Nutrition and Health (1st) (University of Roehampton London) (2017 – 2021)

- **References available upon request**
- **More than happy to travel if the job requires**