yuji nelson

Front-End Software Engineer   Reading, UK

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Summary

Front-end software engineer with 8+ years of experience building and designing responsive user interfaces with a mobile-first approach. Proficient with modern JS (ES6+, React), TypeScript, HTML, and CSS, highly detail-oriented, and passionate about user-centred experience (UX) and design. Most recently, developed and deployed a text-based search interface to intuitively find specific orders on the Duffel app, unlocking much quicker access to valuable information for our merchants.

Experience

Software Engineer, Front-End @ Duffel

11/2021 – 09/2022

- Built a site-wide, text-based search using Meilisearch and TypeScript to enable customers to quickly find an order on the Duffel Next.js web application
- Developed new loyalty programmes feature for multi-step search and checkout process with Formik and TypeScript
- Implemented a feed-style homepage for the Duffel Next.js web application to educate users about the product as well as highlight new product features

Front-End Web Developer @ Magpul Industries

09/2017 – 05/2021

- Designed and developed critical mobile-first landing page with over 4x increase in unique page views year-over-year using HTML and CSS resulting in the largest monthly online sales revenue to date (Jan 2021)
- Revamped UX and UI for customer-facing e-commerce site with 500,000+ monthly visitors contributing to a 3x increase in web sales year-over-year
- Designed UX wireframes and prototypes using Adobe XD and translated these documents into mobile-first responsive, interactive user-facing features and pages using HTML, CSS, and modern JavaScript
- Designed and developed two command line interface (CLI) tools using Node.js, REST and GraphQL APIs, Jest testing and Travis CI to help enforce consistency on website front-end, with 100% efficiency in identifying early issues and reducing time spent on tasks by over 96%
- Designed and developed a new Chrome browser extension using JavaScript, Webpack, and Babel to automate tedious tasks in e-commerce platform, reducing task time by over 90%

Web Developer @ Boeing

07/2014 – 06/2017

- Authored and executed web strategy to consolidate 20+ websites, partnering with product teams, driving consistency, and reducing team workload
- Designed and developed enterprise website to communicate the latest hardware standards for all employees based on user research and built with HTML, CSS, and jQuery
- Spearheaded redesign of critical enterprise website with HTML and CSS on a custom-built mobile framework and components, collaborating with product managers to gather user feedback
- Revamped UX and UI for critical enterprise documentation that reduced support tickets by over 50%

Skills

Languages

JavaScript (ES6+)
TypeScript
CSS / Sass / Less
HTML

Frameworks

React
Next.js
Gatsby
Node.js
Styled Components

Tools

Git, GitHub
React Testing Library
Jest
Storybook
CI /CD
AWS / GCP

Design

Figma / Adobe XD
Adobe Creative Suite
Mobile-First Responsive Design
User Interface & Experience
Prototyping

Education

University of Washington

09/2011 – 06/2014 // Seattle, WA

Bachelor of Arts in Information Systems & Business Administration

Interests

DJing, tennis, football, board games, video games, photography