

Christopher Alphonse

Software Engineer

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I am a passionate Software Engineer, specialized in front-end development using React and TypeScript. As an advocate for web performance and accessibility and an evangelist for the Jamstack, I create amazing web applications to make the internet a better place.

Technical Skills

JavaScript, React, Redux, TypeScript, CSS, Styled-Components, Sass, GraphQL, REST API, Jest, Cypress, Docker, MongoDB, node.js, npm, Express, Vite, NextJS, VS Code, Git, GitHub, CI/CD, TDD, BDD, Tailwind, E2E, PostgresQL

Experience

Front-End Engineer — Brinks Security Company

March 15 - March 16 2023

JavaScript, React.JS, ES6, Axios, Electron.JS, CI/CD, Yaml, Styled-components

- Upgraded user interface of existing Electron.js and React.js application based on given Figma design
- Improved layout from thin, mobile-style screens to landscape-style screens
- Implemented new components and updated main pages for receive, payout, exchange, home, and settings
- Moved all props, including event handlers, to new components
- Ensured functionality remained the same with RESTful API
- Utilized TypeScript, React, ES6, Axios, and other relevant technologies
- Completed project within a day, delivering update to GitHub repository on March 15th
- Received positive feedback from client and had milestone approved

Front-End Web Developer — Pure by Mel

Oct 19 - Oct 30 2022

TypeScript, React, Next.JS, Redux, Ecommerce SEO, Webp, Stripe API

- Utilized NextJS and TypeScript to develop high-performing back-end and front-end systems for Pure by Mel's website rebrand
- Implemented technical SEO best practices and utilized Redux for optimized cart-related data storage and checkout validation
- Conducted rigorous UX testing through performance insight, network throttling, code splitting, and first contentful paint methods to significantly enhance website performance and user experience
- Collaborated closely with client to redefine brand mission and culture, leading a successful rebranding initiative
- Created optimized brand assets in web formats (webp and minification) for a seamless web experience
- Designed markups and prototypes within the set brand aesthetic to ensure consistent look and feel throughout the website

Front-End Developer — FunkyJunkieCo

May 2021 - Jan 2022

JavaScript, Hydrogen.JS, GraphQL, HTML, SCSS, Contentful CMS

- Optimized product information management using HydrogenJS and GraphQL, resulting in streamlined and organized data management for efficient business operations
- Revamped the user experience with visually stunning and user-friendly custom product page designs crafted with HTML and CSS, resulting in increased customer satisfaction and retention
- Crafted a unique brand identity through targeted branding direction and custom SCSS styling, creating a visually distinct and compelling brand image that resonates with the target demographic
- Orchestrated outsourced graphic design efforts and asset development, producing high-quality and visually engaging graphics and media that elevate the brand's overall aesthetic and messaging

Education

Coding Dojo - Online Bootcamp 2022 (4 Months)

HTML/CSS, JavaScript, React, Express, MongoDB, Node.js, Data Structure and Algorithm

Udemy - Online Learning Platform (250 Total Hours)

Courses: Data Structure and Algorithms(263 lectures), Basic of Scrum and Agile (13 lectures), JavaScript (320 lectures), React with TypeScript (87 lectures), UX/UI (19 Lectures), NodeJS (229 Lectures)

Personal details and interests

I enjoy cooking fresh meals for my family after a long day of work. Whenever I have the opportunity, I enjoy skiing and learning about cultures and various technologies. I also keep up with the opinions of professionals and my peers in web technologies and UX design through online content, books, and Twitter.