Wesley Webster

Full-Stack Software Engineer

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PROFESSIONAL WORK EXPERIENCE

Aquent [Clients: Kohl's Corporate, John Deere]
Software Engineer (Contract)
April 2019 - Sep 2019, Jan 2025 - April 2025 (4 month contract)

· Built interactive procurement dashboards with **NextJS/TypeScript** and **MUI** DataGrids that streamlined sourcing decisions by centralizing supplier data across multiple machine specifications.
· Engineered data architecture with **Redux**, with comprehensive **Jest/RTL** mocks for testing, to manage one-to-many supplier relationships in **MUI** DataGrid tables, ensuring reliable data from **API** calls.
· Created ADA-compliant UI components for Kohl's homepage using semantic **HTML/CSS**, improving department page accessibility and presentation.

GovCIO
Web Developer 2
September 2023 - November 2024

· Developed critical features with **ReactJS** and **Redux** for a nationwide application field agents used, significantly reducing manual processing time by ~70% [NDA].

Genesis10 [Client: Northwestern Mutual]
Software Engineer (Contract)
September 2021 - September 2022

· Streamlined PM onboarding workflow with the Trello API in **NextJS** reducing the process from 5 business days to ~3 days.
· Enhanced customer experience by developing microservices integrated into the UI using **ReactJS** and achieving 95% unit test coverage, leading development across 2-week agile sprints.
· Developed and tested 50+ shared UI **React** components with **NodeJS** and **Storybook**, streamlining isolated development and ensuring a consistent design system for engineering teams.

Nvisia
UX Developer / Software Consultant
June 2020 - September 2021

· Engineered Nvisia's ELITE community platform using **HubSpot**, driving 500+ monthly user engagements and facilitating tech industry events across Milwaukee.
· Architected real-time IoT monitoring systems using **VueJS** and **Losant** platform, with data visualization dashboards that enabled teams to monitor 5+ manufacturing sites with 99.9% uptime.
· Built an API endpoint for a form with **Angular/.NET**, **Swagger API**, and **PostgreSQL** deployed via **Terraform** on **AWS EC2** to centralize protocol data for 50+ elderly care facilities during Covid-19.

Byte Studios
Junior Developer
July 2018 - April 2019

· Engineered an interactive learning repository for the Medical College of Wisconsin with **HTML**, **CSS**, **JavaScript** and **PHP**, enabling healthcare professionals to access research collections.

TECHNICAL SKILLS

Front-End:
HTML, (S)CSS, JavaScript, TypeScript, ReactJS, Vue3, NextJS, GatsbyJS, Material UI (MUI), Tailwind CSS, Git, Redux, RTK, Jest, Vitest, React Testing Library, Google Tag Manager (GTM), WordPress, HubSpot, Figma, Adobe XD, Storybook

Back-End:
NodeJS, ExpressJS, Python, Java, Flask, REST APIs, MySQL, PostgreSQL, NoSQL, GraphQL, MongoDB, AWS, Firebase, Sequelize, Mongoose, Netlify, Sanity.io

EDUCATION

Formation Dev Fellow 2022
– Selected for a competitive fellowship with intensive, personalized training from top software engineers from FAANG on algorithms, data structures and CS fundamentals via pair programming and mentor-led sessions.

YWEB Career Academy 2017
– Front End Web Development & Design

University of Wisconsin – Madison, 2011 – 2016
Zoology
– PEOPLE Program (Scholarship Recipient)