

Wesley Webster

Full-Stack Software Engineer

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.

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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

Completed coursework in Zoology

- PEOPLE Program

(Scholarship Recipient)