

## Derek Merrikin

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# Full-Stack Software Engineer

The focus of my decade-long career is furthering my understanding and knowledge of software technologies in order to deliver value to the organization for which I am a team player and individual contributor. I bring an exciting and positive energy to the team. With highly effective communication, positive attitude, and leading by example, I inspire each of my colleagues to do their best work by demonstrating my capabilities in coding, best practices, and being open to critical feedback. My insatiable thirst for knowledge is a major catalyst for growth and continuous education. Most recently I have been engaged in working with ReactJS and NextJS development. I am also proficient in the following technologies:

- Front-End: ReactJS, Angular, TypeScript, Bootstrap, MaterialUI, Tailwind & TailwindUI, WebPack
- Back-End: Express, NodeJS, NoSQL, SQL, RESTful APIs, PHP
- Content Management Systems: WordPress Custom Templates and Theming

## Experience

### Senior Software Engineer | BUILT TECHNOLOGIES (Fully Remote)

January 2023 - Present

- Develop streamlined React components within a microservice architecture in AWS Cloud9 and Kubernetes environments.
- Elevate team code quality standards through thorough code reviews and constructive feedback.
- Collaborate efficiently within Agile Scrum teams to deliver high-quality software.
- Act as a subject matter expert in a complex PHP environment, providing guidance to the team.
- Improve code coverage by implementing comprehensive unit tests with Jest across the microservice architecture.
- Ensure compliance with WCAG AA accessibility standards.
- Contribute to continuous deployment and AC changes utilizing a Go CI/CD pipeline.

### Software Engineer | DEPT (Fully Remote)

March 2021 - October 2022

- Created reusable React components with customizable props for enhanced flexibility.
- Streamlined financial planning software by leveraging Angular, improving usability, and addressing performance bottlenecks.
- Architected and developed a web application for a major crypto organization, enabling future clients to customize branding. Utilized React and Next.js for efficient development.
- Contributed to Agile Scrum teams, collaborating effectively to deliver high-quality software.
- Implemented end-to-end tests with Cypress and unit tests with Jest.
- Ensured compliance with WCAG AA accessibility standards.
- Contributed to continuous deployment and iterative design changes through a CI/CD pipeline.
- Utilized both SQL and NoSQL Firebase databases within the development stack.

## **Senior UI/UX Developer | FRESINIUS MEDICAL CARE (Lexington, MA)**

December 2015 - March 2021

- Successfully migrated an antiquated site from Oracle's UCM to WordPress using a custom Node.js spider and WordPress RESTful API for data injection. Integrated Bootstrap 4 for improved design.
- Developed self-publishing solutions in WordPress for all divisions of Fresenius.
- Integrated WordPress login with Microsoft Active Directory for seamless user authentication.
- Implemented a hybrid full-stack solution utilizing WordPress as the back-end and Angular as the front-end.
- Resolved security vulnerabilities identified through penetration testing, resulting in significant improvements.
- Ensured compliance with WCAG AA accessibility standards.
- Collaborated efficiently within Agile Scrum teams.

## **Senior UI/UX Developer | FIDELITY INVESTMENTS (Smithfield, RI)**

July 2014 - November 2015

- Created a white-label wizard for branded sales demos, providing clients of Fidelity with customized experiences.
- Managed workloads from multiple Agile project teams concurrently, coordinating daily scrums.
- Ensured compliance with WCAG AA accessibility standards.
- Fostered camaraderie and collaboration within teams, contributing to increased productivity.
- Developed a full-stack MEAN solution for an Executive Vice President, facilitating efficient management of business data.

## **Lead UI/UX Developer | MEDULLAN, INC. (Cambridge, MA)**

June 2013 - May 2014

- Developed scalable healthcare portals for major healthcare insurance agencies.

- Actively participated in daily scrums, adhering to Agile methodologies.
- Ensured compliance with WCAG AA accessibility standards.
- Created custom WordPress solutions tailored to client needs.

## **Education and Training**

- Bachelor of Arts in Computer Science, Southern New Hampshire University, 2020