

Work Experience

Staff Software Engineer Feb 2024 to Today

GoFundMe

- Led the architectural design and collaboration required to cache key dynamic pages resulting in a 96% decrease in downtime, a 37% decrease in server costs, and an average 77% improvement to page load time
- Implemented a new data analytics platform (mParticle) helping reduce thousands of inconsistent and unused events and making new events easy to implement and query
- Stabilized and sped up our CI/CD flow's minimum-time-to-deploy by 15 minutes (20% improvement)

Senior Development Manager Dec 2021 to Jan 2024

- Transitioned key site functionality from a legacy PHP + React setup to a new Next.js architecture
- Drove the collaboration between multiple teams regarding API design, cutover plans, incremental deliverables, and more on a new international payout feature
- Provided video tutorials, impromptu trainings, new feature audits, and one-on-one mentoring on topics such as accessibility, testing best practices, interviewing, and more

Staff Software Engineer Mar 2019 to Nov 2021

Ancestry

- Built out a React-based record merge flow handling complex family relationships
- Architected multiple NodeJS applications leveraging RESTful api design
- Increased unit and integration testing coverage to 100% on new applications

Senior Development Manager Jan 2017 to Feb 2019

- Built the team up to 9 members by helping leadership see our value to the company
- Convinced senior leadership to perform and address a site-wide accessibility audit
- Improved page load times by up to 30% by helping multiple UI teams leverage HTTP/2 and caching

Development Manager Jan 2016 to Dec 2016

- Led the transition of Ancestry's UI component library from jQuery to vanilla JS and React
- Offloaded 99.9% of all static content requests by modernizing our CDN architecture
- Built out a simplified UI for Ancestry's shared header decreasing its static file size by 70%

Principal Front-End Web Developer Jan 2015 to Dec 2015

- Enabled a major design update to occur by architecting a user-based, "opt in" solution
- Researched and trained on accessibility enhancements including semantic markup, ARIA, and more

Senior Front-End Web Developer Jan 2013 to Dec 2014

- Coded an entire design system for an emerging business on narrative-based family histories
- Led the creation of the dozens of shared UI components used by over 20 development teams

Front-End Web Developer Apr 2012 to Jan 2013

- Led the company-wide effort to incorporate responsive web development best practices
- Identified, created, and documented shared design patterns and jQuery plugins

Front-End Web Developer & Scrummaster 2011 to 2012

Self Health Network

- Revamped company development process to follow Agile principles and include testing environments
- Converted PSDs into cross-browser compatible, interactive websites

Front-End Web Developer 2010 to 2011

MyExpertSolution

- Restructured and optimized XHTML and CSS of the company site to follow W3C web standards
- Assisted in the design of all user interface elements pushing for simplicity and standards

Web Designer & Developer 2008 to 2016

Freelance

- Designed and programmed dozens of sites through custom Wordpress themes and PHP MVC frameworks
- Created wireframes and mockups for sophisticated e-learning and online fitness programs

Skills & Such

Main Strengths: JavaScript, React, Accessibility, Next.js, HTML, CSS, Node.js

Other Experience: GitHub Actions, Svelte, Jest, Docker, SVG Animation, PHP, MySQL, TypeScript, Akamai

Education: Bachelor of Science Degree in Technology & Engineering Education - BYU 3.93 GPA