

TRACEY J. BERG-FULTON, CPACC

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SUMMARY

Innovative Frontend Engineer with proven expertise in building accessible, user-centric web applications. Skilled in React, JavaScript, and TypeScript with a strong foundation in UI/UX principles, design systems, and API integration. Passionate about enhancing user experience through responsive design, performance optimization, and cross-functional collaboration. Experienced in leading frontend development for high-impact projects, coaching teams on best practices, and implementing accessibility standards.

SKILLS

HTML | CSS (CSS Modules, Sass/SCSS, Styled Components) | JavaScript (Next, React, Vue, ES6, jQuery) | TypeScript | Playwright | Drupal | WordPress PHP | Git/GitHub | Responsive Design | Photoshop | Figma

EXPERIENCE

Lumen Learning

April 2020 - July 2026

Software Engineer, UI Tech Lead

- Led the UI initiatives, implementing scalable frontend architecture for critical tools used in education, support, and sales, with a focus on math education and instruction.
- Led accessibility initiatives, completing the Voluntary Product Accessibility Template (VPAT) and ensuring WCAG compliance, and improving product usability. Represented engineering on the internal accessibility council.
- Set UI code standards and coached the team on HTML, CSS, and accessibility practices for internal products.
- Optimized frontend performance, reducing page load times by streamlining CSS and JavaScript (Vue, TypeScript, Next, React).
- Collaborated with design and engineering teams as a liaison to ensure UI/UX alignment and design consistency.

National Kidney Foundation

August 2019 – March 2020

Frontend Engineer (Sr. Web Manager)

- Sole frontend developer for a full-site redesign and company rebrand, collaborating with cross-functional teams to deliver a modern, responsive web experience.
- Led the development and adoption of the Nephron Design System, streamlining UI component creation and ensuring consistency across multiple projects.
- Quickly built a COVID-19 information dashboard for healthcare practitioners and patients during the early days of the pandemic, which was later cited by the NIH as a reliable resource for kidney patients.
- Drove frontend projects involving Optimizely experiments and real-time analytics, enhancing user engagement and data-driven decision-making.

Developer (Web Manager)

January 2018 – August 2019

- Supported a major redesign and information architecture overhaul, creating pages and UI components that improved site navigation and user experience.
- Provided technical guidance to content creators, helping streamline content delivery and ensure alignment with frontend best practices.

Cotton Bureau

August 2017 – December 2017

Content Lead

- Led content strategy for a growing product team, driving marketing and product campaigns aimed at increasing user engagement.
- Crafted high-conversion transactional emails, which led to an increase in cart recovery rates.
- Developed content for product events, scaling offerings 10x for key industry exhibitions.

AuthenticJobs.com

November 2016 – August 2017

Customer & Community Lead

- Managed community and customer support for a tech jobs board, improving response times and handling QA for new feature requests.
- Grew social traffic by 30% through targeted content and community engagement strategies.
- Oversaw content strategy for the **Authentic.co** domain, contributing both technically and creatively.

Collections Stewardship Professional Network, American Alliance of Museums

January 2012 – June 2017

Web Chair

- Led a responsive site redesign, transitioning from WordPress to Squarespace and improving mobile accessibility and site performance.
- Provided technical consultation to the largest professional committee of the American Alliance of Museums.

Carnegie Museum of Art

July 2014 – November 2016

Collections Database Associate and Provenance Researcher

- Standardized and prepared data for release as linked open data, improving data quality and accessibility.
- Conducted provenance research and contributed to project documentation and software QA.

Shoefitr, Inc.

September 2013 – July 2014

Data Lead

- Led a team of 10-12 data associates, creating training tools and improving onboarding efficiency.
- Managed data entry standards and quality control for reporting and analysis in a growing start-up later acquired by Amazon.

EDUCATION & CERTIFICATIONS

International Assoc. of Accessibility Professionals, CPACC

University of Glasgow, M.Litt, with merit

Otterbein University, BA, magna cum laude with honors distinction

Udacity, Frontend Web Development Nanodegree

Sabhal Mòr Ostaig, Certificate, Gàidhlig language