Mikael C. Fritts

Accessibility Specialist / Web Designer

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Dynamic and detailed Web Designer of twenty plus years with a solid background in delivering applications built on current development practices across multiple reinforced technologies. Steadfast focus on Web Accessibility following Section 508, Web Accessibility Initiative, and A11Y guidelines. Have worked on numerous projects within the educational field producing standalone and enterprise applications. Strong creative and analytical skills. Goal oriented team player with an eye for detail. Extremely committed to achieving a web that works for everyone.

WORK EXPERIENCE

Web Designer / Accessibility Consultant   October 2016 – Present

Central Piedmont Community College, North Carolina, NC

- Advise, train, and provide specific guidelines regarding front end web accessibility for in-house staff, contractors, and third-party vendors.
- Led accessibility compliance project to bring the college's website up to WCAG2 AA standards to ensure accessibility for all users. Mentored and educated teammates and CMPR staff regarding implementation of accessibility standards and best practices.
- Designed and Developed templates and implemented frontend code for Django and standalone applications to meet compliance and WCAG accessibility standards.
- Create and update baseline guidelines for front-end accessibility for public and internal facing web applications.
- Created application mock-ups for stakeholders to ensure quality control and client fulfillment before project development phase.
- Served as Lead Drupal administrator and as lead integration professional for the College website
- Primary liaison tasked with assisting the Web and Applications Team in identifying, troubleshooting, and resolving faculty and staff issues. Responsible for using any tools available or finding creative solutions and delivering them to the client in a clear, concise, and timely manner with an emphasis on transparent communication. Resolved issues across various platforms, programs, and applications that often-required thinking outside the box to solve.
- Co-led the design, development, and implementation of the Web and Applications Development Content Delivery Node, a dedicated server acting as a repository for application assets such as images, the college's official logo, code snippets, and other common assets. This ensured that elements were equal across applications and webpages as they pertain to the official style guide. It also provides access to third-party vendors to utilize official Central Piedmont assets for the theming of their applications.
- Supplied training and mentorship to new employees.
- Maintained brand standards under company guidelines.

ITS - System & Solutions Desk – Information Systems Analyst III   November 2013 – October 2016

Central Piedmont Community College, North Carolina, NC

- Primary contact for assistance with Web Technologies and Application Development for the ITS Help Desk and System & Solutions Desk.
- Initiated the CPCC ITS web site redesign, overseeing design, development, and implementation as the sole primary developer
- Redesigned existing ITS website using Plone CMS focusing on agile development to improve UI/UX functionality by implementing intuitive design, WCAG AA 2.0 Level accessibility standards, and introduced dynamic page tagging for cross site document reference.

Front End Development Consultant August 2012 – January 2013
Sourcebits, San Francisco, CA

- Developed application components using HTML5/CSS3/Twitter Bootstrap for native and non-native mobile applications
- Developed, converted, and implemented older static site design into new Content Management Systems with a focus on mobile engagement and the use of newer web technologies (HTML5/CSS3/jQuery, AJAX).
- Worked on projects ranged from small site updates to full site conversions as well as full application development from conception to production rollout.
- Worked directly with clients, project managers, as well as holding daily SCRUM meetings with the different development teams from around the world.

EDUCATION

Central Piedmont Community College, Charlotte, NC
Associate in Applied Sciences — Web Technologies

SKILLS

Accessibility: A11Y, aXe, WebAIM, WAVE, Site Improve, JAWS, macOS Screen Reader
Presentation: HTML5, CSS3, JavaScript, jQuery
Back-end: Python, PHP
Frameworks: Drupal, Django, Wordpress, Bootstrap, Materialize, Tailwinds CSS, skelJS
Version Control: git (Github, GitLab)
Data Integration: GraphQL, JSON, AJAX
Data Stores: MySQL, PostgreSQL
Design: Adobe Creative Suite

CERTIFICATIONS

Web Accessibility Specialist - International Association of Accessibility Professionals (TBC: January 2023)
Web Accessibility Standards - International Association of Accessibility Professionals (TBC: January 2023)
Certified Professional in Accessibility Core Competencies - International Association of Accessibility Professionals
ITIL 4 Foundations – Skillsoft
HTML5, CSS3, JavaScript Excellency Degree Certification - edX W3C / Expert Rating

EXTERNAL

https://github.com/mikaelfritts