

Shayne McGregor, Ph.D, CPACC

Fullstack Software Engineer

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Fullstack Software Engineer with **3 years** experience in **JavaScript, React, Node, & SQL** helping mission driven organizations such as major universities and non-profits build tech products to move their business forward.

Most recently, as a **Frontend SWE at Dynamic Campus**, I led the development of Marywood University's homepage, collaborating with the C-Suite stakeholders, designers and developers. Using **dotCMS and JavaScript**—including **responsive design, WCAG accessibility standards, and modular CSS**—delivered a high-visibility redesign in under 1 month to improve user experience for student recruitment, resulting in higher enrollment.

TECHNICAL SKILLS: JavaScript (ES6+), TypeScript, React, Node.js, Vite, jQuery, HTML5, CSS3, SvelteKit, WordPress, dotCMS, Velocity, PHP, SQL (MySQL, MSSQL), Figma, Azure, Accessibility (WCAG/ARIA)

Frontend Software Engineer @ Dynamic Campus

Jul 2023 - Present

Dynamic Campus is an edtech consultancy that helps universities build and manage edtech tools such as websites, LMS, CRM and more.

- Reduced time to publish webpages for campus admins by developing and maintaining responsive components in **vanilla JavaScript, jQuery, CSS, Velocity, and dotCMS**, streamlining updates to event listings, program pages, and announcements.
- Improved faculty and department visibility by overhauling the admin profile system with **PHP, MSSQL, and frontend enhancements** that showcased academic credentials and research more clearly.
- Built custom reporting tools for college administrators with **JavaScript** to automate tracking, enabling institutional leaders to make faster, data-driven decisions for enrollment.

Frontend Developer @ Center Centre

Dec 2022 - Jun 2023

Center Centre is an online school that sells seats to virtual courses in UX and UI design.

- **Increased program revenue by \$100K** by building a seamless enrollment workflow with **HTML, CSS, JavaScript, Zapier, Stripe, GoHighLevel, and Stripo**, automating CRM updates.
- Reduced purchase friction for prospective learners by developing responsive **landing pages in HTML, CSS, and vanilla JavaScript**, optimizing the user journey from site visit to course registration.
- Improved system performance and maintainability by migrating **WordPress databases and files to DigitalOcean** with **MySQL and Z Shell**, ensuring faster updates and a smoother backend for administrators.

Frontend Developer @ Campaign Zero

June 2022 - June 2023

Campaign Zero is a nonprofit organization dedicated to ending police violence in America through data-driven policy solutions, advocacy, and public engagement.

- Delivered responsive, user-focused websites by coding reusable components in **JavaScript, HTML, CSS, SvelteKit, and WordPress**, translating **Figma designs** into functional interfaces that drove over **1,000 monthly site visits**.
- Improved site accessibility, usability, and cross-browser performance through bug fixes, QA testing with **Pastel**, and collaborative design reviews with stakeholders.
- Streamlined workflows by authoring a content style guide, migrating data with the **WP Migrate plugin**, and resolving integrations between **WordPress and Mailchimp**, reducing support requests and enabling content managers to work more efficiently.

