

Michael Boulos

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A passionate and versatile web developer with a background in civil engineering, I specialize in full-stack development using JavaScript, and React. My experience includes leading website redevelopment projects, collaborating with cross-functional teams, and delivering high-quality, user-oriented products. I bring strong communication and project management skills from both my engineering and web development roles, and am eager to harness my strengths and develop compelling websites and applications.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, HTML, CSS, Python
- **Frameworks:** React, Node.js, Next.js
- **Tools:** git, GitHub, Strapi CMS, VSCode, Figma, Linux

WORK EXPERIENCE

Web Developer

September 2023 – December 2023

Civicconnect (4-month contract)

- Spearheaded the redevelopment of the company website using React, JavaScript, HTML, CSS, and Strapi, collaborating with a cross-functional team
- Delivered all development phases from inception to deployment ahead of schedule adhering to Agile Scrum methodology, emphasizing responsive design in bi-weekly sprints
- Engineered a universally implemented light and dark mode according to Figma specifications, significantly enhancing user accessibility and interface experience
- Designed and programmed editable components for Strapi CMS, enabling end-users to effortlessly manage and update content after deployment
- Leveraged previous professional experience to effectively lead standup meetings and to manage workload, to communicate project progress, issues or challenges faced, and to deliver high-quality products within deadlines

Civil Engineering Roles

June 2016 – February 2023

J.L. Richards, Ainley Group, R.V. Anderson Associates, Bechtel Corporation

- Facilitated productive and effective outcomes by collaborating extensively with coworkers, coordinating with multidisciplinary teams and stakeholders to enhance designs and streamline engineering processes
- Designed for and supported multiple municipal infrastructure projects, handling site inspections, public inquiries, and ensuring adherence to industry standards using specialized engineering tools

PROJECTS

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github.com/dapatcho/no-round-corners

- Architected personal website wireframes from the ground up in Figma, then developed in HTML, CSS, and JavaScript using the React framework

INTERESTS AND VOLUNTEERING

- Creator, host of variety radio show “NO STATIC” since 2021; local DIY music event manager
- Experimental music performing artist, having performed in and around Ontario and Quebec

EDUCATION

McMaster University

April 2019

B. Eng, Civil Engineering

- Awarded 100% score for leading the theoretical design of the sustainability and foundation design of a concert hall located on Hamilton’s Pier 8 Harbour as a capstone project
- Varsity fencing, McMaster Engineering Musical theater tech and lighting designer