

RICHARD TILLO

Web Developer

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📍 Toronto, ON

🌐 <https://richardtillo.com/>

WEB DEVELOPER PROFILE

Passionate about building responsive, accessible, and meaningful user web experiences, I bring over 5 years of experience in engineering and web development.

PROFESSIONAL EXPERIENCE

Full Stack Developer

Swift

📅 01/2024 - Present 📍 Remote

🌐 <https://www.runswiftapp.com/>

- Develop automated tests validating software functionality, reducing software issues by 30%
- Expand application reporting capabilities to provide sports facilities with enhanced operational insights

Web Developer

Velofix QEW

📅 09/2023 - 12/2023 📍 Remote

🌐 <http://velofix.ca/>

- Designed and developed a website for new service offering carbon bike inspections
- Improved existing company websites, by enhancing SEO, accessibility, website design, user experience, etc., resulting in a 91% increase in website views

Applications Specialist

Xylem Inc

📅 03/2019 - 11/2022 📍 Guelph, ON

- Developed and improved the fire pump product configurator, quotation, and technical drawing applications saving the company and sales representatives 40 hours a day, while reducing errors by 80%
- Resolved 25+ technical inquiries and problems per week for fire pumps per NFPA 20 and HI standards
- Managed fire pump projects for Canada totalling \$10 million+ per year

Sustaining Specialist

Xylem Inc

📅 06/2017 - 03/2019 📍 Guelph, ON

- Introduced 100+ new products to our facility by creating bills of material, routing, and training operations
- Resolved 20+ issues in the assembly or testing of products per month
- Collaborated with operations and production on continuous improvement projects saving the factory 20 hours of weekly labour

Manufacturing Engineering (Weld)

Toyota Motor Manufacturing Canada

📅 05/2016 - 08/2016 📍 Cambridge, ON

- Gained hands-on experience in MIG welding, spot welding, and analyzing defects using chisel tests, and visual inspection
- Led continuous improvement projects that are projected to save over \$250,000 per year in material waste reduction

PASSIONS

🏋️ Fitness

Calisthenics, Basketball, Volleyball, Flag Football, and over 10 years of competitive bowling

🎵 Dance

Latin Dances, Competitive Hip Hop dance, Zumba, and Breakdancing

EDUCATION

Web Development Immersive Bootcamp

Juno College of Technology

📅 11/2022 - 02/2023 📍 Toronto, ON

Bachelor of Applied Science - Mechanical Engineering

University of Waterloo

📅 09/2012 - 06/2017 📍 Waterloo, ON

TECHNICAL SKILLS

AJAX **Amazon Web Services** **Bootstrap**

C++ **CSS3** **Django** **Figma** **Git**

Google Firebase **HTML5** **JavaScript**

MySQL **NodeJS** **Playwright**

PostgreSQL **Python** **React**

Responsive Design **RESTful APIs**

Ruby on Rails **SCSS** **Test Automation**

Typescript **TailwindCSS**

PROJECTS

Betting For Value

🌐 <http://bettingforvalue.ca/>

A full-stack project using sports analytics to look for value in betting lines.

Flex Fox Fantasy Federation

🌐 <https://flexfoxfantasy.com/>

A blog for a fantasy baseball league that takes things way too seriously with articles ranging from joke pieces to serious analyses.

Podcast Planner

🌐 podcast-planner-app.netlify.app

Curates a playlist of podcasts to fit the duration of the users' walk and desired genre.

Guess the Movie

🌐 guess-the-movie-app.netlify.app

Gathers popular movies from The Movie Database API and requires the user to guess a random movie from a blurred backdrop.