

# RICHARD TILLO

## Web Developer

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📍 Toronto, ON

🌐 <https://richardtillo.com/>

## WEB DEVELOPER PROFILE

Web Developer passionate about building responsive, accessible, and meaningful user web experiences. I have 5+ years of experience working in engineering, developing and demonstrating excellent problem-solving skills while working in large cross-functional teams.

## PROFESSIONAL EXPERIENCE

### Freelance Web Developer

📅 02/2023 - Present

- Collaborate with clients to develop customized websites tailored to their specific needs and requirements
- Troubleshoot and debug software applications to resolve technical issues, ensuring smooth and error-free functionality

### Applications Specialist

#### Xylem Inc

📅 03/2019 - 11/2022 📍 Guelph, ON

- Introduced 100+ new products to our facility by creating bills of material, routing, and training operations
- 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

- 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 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

### Engineering Student

#### Maple Stamping Subdivision of Magna International

📅 01/2015 - 04/2015 📍 Concord, ON

- Coordinated with quality assurance, production, and shipping departments to deliver over 100 pre-production shipments
- Collaborated with forklift drivers to organize and scrap 100+ obsolete dies and updated their location and status in Microsoft Excel reducing the time it takes to search for obsolete dies

## 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

C++

HTML5

JavaScript

Firebase

PostgreSQL

Amazon Web Services

CSS3

Django

Git

TailwindCSS

Responsive Design

React

Python

RESTful APIs

Web Accessibility

Scope Management

AJAX

SCSS

Typescript

Bootstrap

Figma

Ruby on Rails

NodeJS

MySQL

## 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](https://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](https://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.

### Mikasa

🌐 [mikasapuppy.netlify.app](https://mikasapuppy.netlify.app)

A website dedicated to my dog with an interactive gallery documenting her puppy years.