

# 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, 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

📅 03/2016 - 09/2016 📍 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

Pair Programming

Scope Management

AJAX

SASS

REST API

## PROJECTS

### Betting For Value

🌐 <http://bettingforvalue.ca/>

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.