

# Mark Plewis

Front-End Development, UX Design and IA

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## Work Experience

November 2011 - Present

### Front-End Developer | Mosaic Sales Solutions Inc.

My primary responsibility at Mosaic is to create **responsive** websites and customer-facing applications for clients in the consumer packaged goods industry. I work primarily with **Ruby on Rails** and **Cordova**, and occasionally with **ASP.NET**. I also have experience with **Ember** and **React**. I have expert-level skill in **HTML5**, **CSS3**, **ActionScript** and **jQuery**, and advanced-level experience with **native JavaScript** and **PHP**. I'm confident working with object-oriented (**OOP**) and functional design patterns, including **MVC** and the JavaScript **Module Pattern**. I'm familiar with CSS frameworks such as **Bootstrap**, and CSS design methodologies including **BEM** and **SMACSS**. My daily workflow includes **Vagrant** (with **VirtualBox**), **Grunt**, **Unix**, CSS preprocessors including **SASS**, **SCSS** and **LESS**, and templating languages including **HAML**, **ERB** and **Handlebars**. All of my code is version-controlled via **Git**. Everything that I create follows a strategy of **Progressive Enhancement** and adheres to modern web standards (**W3C**), accessibility legislation (**WCAG 2.0** and **Section 508**) and **SEO** best practices. I test my work on a myriad of mobile devices, operating systems, web browsers and screen readers, to ensure the best possible user experience.

#### Notable achievement in this role:

Developed a configurable, themable **Adobe AIR** application, which transformed an **XML** data feed into an animated timeline of social media posts. This application was successfully deployed at dozens of in-field events over the course of several years. It's customizable nature allowed us to quickly and easily repackaging it for different clients, which resulted in lucrative profit margins for the company. I later ported it to **HTML5**, where it continued to be one of our most popular products.

#### Clients:

AT&T, Coca-Cola, Clorox, Diageo, Ferrero, Kobo, Labatt, Loblaws, Mattel, Microsoft, NFL Canada, Nokia, Rogers, Samsung, TD Bank, Wells Fargo, Wrigley and more.

May 2007 - October 2011

### Lead Web Developer | Rhubarb Media Inc.

As the lead web developer at Rhubarb Media, I was actively involved in every phase of the systems development life cycle, from start to finish. I worked primarily with the **Drupal** framework, and occasionally with **Wordpress**, crafting content management systems (**CMS**) and **E-Commerce** solutions for government agencies, corporations and local businesses. Technologies that I commonly worked with included: **PHP**, **MySQL**, **CSS**, **JavaScript**, **HTML** and **ActionScript**. We utilized the **LAMP** stack and worked in a **Mac OS/X** development environment, using **Adobe Creative Suite** (Photoshop, Illustrator, Flash, etc.). I was responsible for accessibility testing and cross-platform consistency as well as for administering domains, hosting accounts, databases, web servers and email accounts.

## Profile

Toronto-based front-end developer with over ten years of experience. Creates responsive interfaces for websites and software applications, utilizing modern web standards and industry best practices. Has extensive experience working with popular CMSs and web application frameworks. Works primarily in Ruby on Rails and Cordova, but is also interested in working with React, AngularJS and Ember. Designs for accessibility, testing on a myriad of mobile devices, operating systems, web browsers and screen readers.

## Skills

### JavaScript

Native JavaScript, ES6, functional programming, design patterns, pseudo-classes, MVC, progressive enhancement, polyfills, feature detection, AJAX, JSON, jQuery, CoffeeScript, Handlebars, React Native, countless libraries

### CSS

Responsive design, animation, progressive enhancement, CSS3, SASS, SCSS, LESS

### HTML5

W3C validation, accessibility and SEO best practices

### ActionScript

OOP design patterns, AS2, AS3, Adobe AIR, Flash CC

### Server-Side Technologies

PHP, Ruby, MySQL, PostgreSQL, Apache, LAMP

### Web Application Frameworks & CMSs

Ruby on Rails, ASP.NET, Cordova, Ember, React, Drupal, Craft, Perch, Wordpress

### Tools

Adobe Creative Cloud, Github, Grunt, Mac OS/X, MAMP, Microsoft Office, Stack Overflow, Sublime Text, Vagrant, VirtualBox, Visual Studio

## Education

September 2000 - April 2003

### Graphic Design Diploma | Georgian College