**Joe Steinbring, MBA**

# Experience

[**University of Wisconsin, Milwaukee**](https://uwm.edu/)

June 2016 - Present: **Web Application Engineer**

[The Office of Information Technology and Analysis serves both the Office of Research and the Graduate School.](https://uwm.edu/graduateschool/)

I maintain the [WordPress](https://wordpress.org/)-based websites used by both the [Office of Research](https://uwm.edu/officeofresearch/) and the [Graduate School](https://uwm.edu/graduateschool/). I assist the centers that are under the [Office of Research](https://uwm.edu/officeofresearch/) with their web needs.

I maintain the business automation systems behind the Fellowship Competition, Doctoral Milestones, the Graduation Application, and more.

At the point where I was hired, all business automation systems where [cfwheels](https://cfwheels.org/)-based [ColdFusion](https://blog.jws.app/tag/coldfusion/) applications, using an [Oracle RDBMS](https://en.wikipedia.org/wiki/Oracle_Database) database.

After joining the ITA office, I helped create [UWM Shared Web Application Hosting Environment](https://uwm.edu/swapp/), which allows [UWM](https://uwm.edu/) units to host [PHP](https://blog.jws.app/tag/php/) / [MariaDB](https://mariadb.com/) applications.

Once the [PHP environment](https://uwm.edu/swapp/purpose/) became available, I started rewriting all of the business automation systems to use [Laravel](https://laravel.com/), [Vue.JS](https://blog.jws.app/tag/vue-js/), and [Bulma](https://blog.jws.app/tag/bulma/).

In 2019, I started a 3-year term as a [representative](https://uwm.edu/secu/wp-content/uploads/sites/122/2019/10/ASSenateRoster.pdf) on the [UWM](https://uwm.edu/) [Academic Staff Senate](https://uwm.edu/secu/as/senate/).

I am a member of the Office of Research's Talent Management Working Group.

[**QM Quality Matters**](https://www.qualitymatters.org/)

Jan 2015 - June 2016: **Application Developer**

I mainly worked on the [MyQM](https://www.qmprogram.org/myqm/), [CRMS](https://www.qualitymatters.org/qm-membership/faqs/course-review-management-system), and [MyCR](https://www.qmprogram.org/mycr/) systems.

The systems were custom built using [ColdFusion](https://blog.jws.app/tag/coldfusion/) and [MS SQL Server](https://www.microsoft.com/en-us/sql-server/default.aspx). The client-side code that they used when I got there was using a lot of [jQuery](https://jquery.com/). I introduced them to [Rivets.js](https://blog.jws.app/tag/rivets-js/) and rewrote a lot of their dashboards to use it.

The organization funds itself through sales of memberships, so most of my work isn't publicly accessible.

[**Starkmedia**](https://www.starkmedia.com/)

June 2012 - Oct 2014: **Senior Application Developer**

I mainly made systems that allowed [Starkmedia](https://www.starkmedia.com/)'s clients to update their own websites. Clients that I worked with included [Red Arrow](https://www.redarrowusa.com/), [Artisan Partners](https://www.artisanpartners.com/), [Mandel Group](https://mandelgroup.com/), and [Calf-Tel](https://www.calftel.com/en). Very few of my projects were [greenfield](https://en.wikipedia.org/wiki/Greenfield_project) but I was able to introduce some innovations and tweak how things were done.

[Starkmedia](https://www.starkmedia.com/) mainly used [ColdFusion](https://coldfusion.adobe.com/) and [MS SQL Server](https://www.microsoft.com/en-us/sql-server/default.aspx). I introduced [AngularJS](https://angularjs.org/) 1.x, [PhoneGap](https://blog.jws.app/tag/phonegap/), and [Git](https://git-scm.com/) into the organization while I was there.

[**Experis**](http://www.experis.com/)

May 2011 - June 2012: **ColdFusion Developer (at** [**Kohler Co.**](http://www.kohlercompany.com/)**)**

I developed enhancements for an internal corporate transaction tracking system. It was an intranet application that handled vetting of all corporate expenditures at [Kohler](http://www.kohlercompany.com/) (everything from new hires to the opening of a new production facility or the resurfacing of a parking lot).

The system used [ColdFusion](https://coldfusion.adobe.com/) and [Oracle RDBMS](https://en.wikipedia.org/wiki/Oracle_Database).

[**University of Wisconsin, Milwaukee**](https://uwm.edu/)

Feb 2006 - May 2011: **Web Application Developer**

I developed and maintained the [College of Letters and Science](https://uwm.edu/letters-science/)' portfolio of custom business automation systems.

They used [ColdFusion](https://coldfusion.adobe.com/) and [Oracle RDBMS](https://en.wikipedia.org/wiki/Oracle_Database).

I helped to migrate existing websites to [PaperThin CommonSpot](https://www.paperthin.com/products/commonspot-cms.cfm)

I hired, trained, and managed a team of web application developers I developed the annual departmental budget

# Education

2009-2012: **MBA, Business Administration**; [Cardinal Stritch University](https://www.stritch.edu/academics/programs/badgm) (Glendale, WI)

[2001-2005: **BBA, Management Information Systems**; University of Wisconsin-Milwaukee - Lubar School of](https://uwm.edu/business/)

[Business (Milwaukee, WI)](https://uwm.edu/business/)