

# Joe Steinbring, MBA

📍 Location: Glendale, WI

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🌐 Website: [jws.dev](https://jws.dev)

## Work Experience

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### Senior Full-Stack Developer

**Bader Rutter** | July 2021 - February 2024

- I maintained an internal sales tool that is used by [Zoetis](#). It used [Vue.js](#), [Pitcher](#), [Salesforce](#), and [Crownpeak](#).
- I maintained and developed enhancements for [Brevant.com](#) using [Vue.js](#), [Nuxt.JS](#), [Marketo](#), and [Strapi](#).
- I enhanced and maintained [phytogencottonseed.com](#) using [.NET](#), [Vue.js](#), and [Eloqua](#).
- I designed and developed a progressive web application for [Douglas Products](#) using [Vue.js](#) and [Firebase](#).
- I regularly researched and presented new technical concepts to the agency's development team.
- I served on a team with the mandate to standardize agency development practices.
- I served on an AI working group where I developed a retrieval-augmented generation system for the agency.
- I introduced the company to using Microsoft Entra ID for cloud-based identity and access management with web applications.

### Web Application Engineer

**University of Wisconsin, Milwaukee** | June 2016 - July 2021

- The [Office of Information Technology and Analysis](#) serves both the [Office of Research](#) and the [Graduate School](#).
- I maintained the [WordPress](#)-based websites used by both the [Office of Research](#) and the [Graduate School](#).
- I assisted the centers under the [Office of Research](#) with their web needs.

- I maintained 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 were [cfwheels](#)-based [ColdFusion](#) applications, using an [Oracle RDBMS](#) database.
  - After joining the ITA office, I helped create [UWM Shared Web Application Hosting Environment](#), which allows [UWM](#) units to host [PHP](#) / [MariaDB](#) applications.
  - Once the [PHP environment](#) became available, I started rewriting all of the business automation systems to use [Laravel](#), [Vue.JS](#), and [Bulma](#).
- In 2019, I started a 3-year term as a representative on the [UWM Academic Staff Senate](#).
- I was a member of the Office of Research's Talent Management Working Group.

## Application Developer

**QM Quality Matters** | January 2015 - June 2016

- I mainly worked on the [MyQM](#), [CRMS](#), and [MyCR](#) systems.
  - The systems were custom built using [ColdFusion](#) and [MS SQL Server](#). The client-side code that they used when I got there was using a lot of [jQuery](#). I introduced them to [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.

## Senior Application Developer

**Starkmedia** | June 2012 - October 2014

- I mainly made systems that allowed [Starkmedia](#)'s clients to update their own websites. Clients that I worked with included Red Arrow, [Artisan Partners](#), [Mandel Group](#), and [Calf-Tel](#). Very few of my projects were [greenfield](#) but I was able to introduce some innovations and tweak how things were done.
  - [Starkmedia](#) mainly used [ColdFusion](#) and [MS SQL Server](#). I introduced [AngularJS](#) 1.x, [PhoneGap](#), and [Git](#) into the organization while I was there.

## ColdFusion Developer

**Experis at Kohler Co.** | May 2011 - June 2012

- I developed enhancements for an internal corporate transaction tracking system. It was an intranet application that handled vetting of all corporate expenditures at [Kohler](#) (everything from new hires to the

opening of a new production facility or the resurfacing of a parking lot).

- The system used [ColdFusion](#) and [Oracle RDBMS](#).

## Web Application Developer

University of Wisconsin, Milwaukee | Feb 2006 - May 2011

- I developed and maintained the [College of Letters and Science](#)' portfolio of custom business automation systems.
  - They used [ColdFusion](#) and [Oracle RDBMS](#).
- I helped to migrate existing websites to [PaperThin CommonSpot](#)
- I hired, trained, and managed a team of web application developers
- I developed the annual departmental budget

## Skills

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**Programming Languages:**  [Python](#),  [JavaScript](#),  [HTML](#),  [CSS](#),  [PHP](#),  [SQL](#)

**Tools and Frameworks:** Git, PyTorch, scikit-learn, Vue, React, jQuery, Node.js, Laravel, Lit, Firebase, MongoDB, Chroma DB, MariaDB, Oracle RDBMS, SQL Server, Shoelace, Bulma, Bootstrap, WordPress, Ollama

## Education

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### MBA, Business Administration

Cardinal Stritch University, Glendale, WI | 2009-2012

### BBA, Management Information Systems

University of Wisconsin-Milwaukee - Lubar School of Business, Milwaukee, WI | 2001-2005