Joe Steinbring, MBA

⊙ Location: Glendale, WI

in LinkedIn: linkedin.com/in/steinbring

○ GitHub: github.com/steinbring

🌐 Website: [jws.dev](jws.dev)

Work Experience

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 maintained and developed enhancements for [phytogencottonseed.com]() using [.NET](), [Vue.js](), and [Eloqua]().
- I maintained and developed systems 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 introduced the agency to Ollama.
- I introduced the company to the use of 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 where [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

Programming Languages: 🐍 Python, JS JavaScript, 🖪 HTML, 🖪 CSS, ㉗ PHP

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

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