

Jay Mason

SOFTWARE ENGINEER AND
TECHNICAL LEADER

Skills

💧 C#, .NET, Visual Studio,
Git/GitHub, and Azure.

🌐 HTML5, CSS3, jQuery,
TypeScript, React, Angular, PHP,
and Bootstrap.

📦 MySQL, Entity Framework,
MSSQL, and NoSQL.

📦 Java, Kotlin, C++, and Lua

Contact

Phone

(586) 707-2807

Email

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Portfolio

<https://jay-mason.github.io>

GitHub

<https://github.com/Jay-Mason>

Education

Arizona State University

2019 - Current

Bachelor of Science in Engineering
Management

Oakland Community College

2015 - 2019

Associate in software engineering
and Web Development Certificate

Professional Experience

Willis Towers Watson (WTW)

Senior Associate - Systems Development

September 2023 - Current

Lead Associate - Systems Development

June 2022 – September 2023

- ❖ Revamped the development environments by optimizing app service plans and deployments resulting in substantial monthly savings, totaling thousands of dollars.
- ❖ Responsible for rolling-out GitHub Copilot among 30+ developers in Product and Technology and providing training and support to developers throughout the organization.
- ❖ Develop features in React (TypeScript) / C#
- ❖ Collaborate across sprint teams (training, support, etc.)
- ❖ Doubled the team's sprint velocity (10 -> 20 points/sprint)

General Inspection LLC

Nov. 2018 – June 2022

Software Engineer (2018-2022) / Software Manager (2021-2022)

- ❖ Implemented Git & Code-Reviews.
- ❖ Created continuous integration pipelines for unit tests and software installation files.
- ❖ Handled project & timeline management.
- ❖ Implemented Asana company-wide for managing projects/tasks and switched to a more agile development process.
- ❖ Designed, developed, and maintained communication modules (EtherCAT, Ethernet, Modbus, RS232).
- ❖ Updated the system from storing XML files to supporting relational databases (MySQL w/ Entity Framework).
- ❖ Designed and implemented new features and services across the GUI application (.NET C#).
- ❖ Developed machine logic to control FESTO integrated motor controllers (C++).
- ❖ Created and maintained algorithms for processing sensor data.

Additional Experience

Oakland HOPE

2019 – Current

- ❖ Volunteer Portal - Designed and implemented a customized web application for efficient volunteer management. This comprehensive system is a centralized hub for collecting volunteer contact information and tracking volunteer hours.
Tech-Stack: PHP, HTML5/CSS3, Bootstrap 4
- ❖ Food Pantry (Non-Profit Portal) - Developed a dynamic web application to streamline food pantry operations and enhance client support. This comprehensive system not only collects crucial client information but also facilitates the creation of visit records and empowers the organization to track food distribution and client interactions efficiently.
Tech-Stack: C#, TypeScript/React, HTML5/CSS3, Bootstrap 5