

Jay Mason

SOFTWARE ENGINEER AND
TECHNICAL LEADER

Skills

Microsoft Suite (C#, VS, GitHub)



Web Dev. (HTML, CSS, JavaScript, PHP)



Angular, TypeScript, React



DB Management (MySQL, EF, MSSQL)



Dev. Tools (Debugging, Kanban, Azure)



C++



Java



Contact

Phone

(586) 707-2807

Email

masonpjay@gmail.com

Address

2653 Caterham Dr
Waterford, MI 48329

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)

Associate Director - Systems Development

September 2023 - Current

Lead Associate - Systems Development

June 2022 – September 2023

- ❖ Primary scrum team responsibility was to develop features in React/C#, and upon joining the team - doubled the productivity (increasing completed user story points from 10 to 20).
- ❖ Proactively engaged with developers from other sprint teams, providing support and insights to help ensure the achievement of sprint commitments and goals.
- ❖ Conducted training for SDET's on debugging and troubleshooting.
- ❖ Changed development environment deployments to utilize the same app service plan, resulting in thousands saved each month.
- ❖ Participated in a small enterprise-wide group to explore AI initiatives in the business (such as utilizing GitHub Copilot).

General Inspection LLC

Mar. 2021 – June 2022

Software Manager/Technical Lead

- ❖ Implemented software tools such as Git & Code-Reviews.
- ❖ Leveraged GitHub Actions to create a CI/CD pipeline to run unit tests for any new code and generate an installation file.
- ❖ Handled project & timeline management.
- ❖ Implemented Asana company-wide for managing projects/tasks and switched to a more agile development process.

General Inspection LLC

Nov. 2018 – June 2022

Software Engineer

- ❖ 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.
- ❖ Created and maintained algorithms for processing sensor data.

Additional Experience

Oakland HOPE

2019 – Current

- ❖ Conceptualized, develop, and maintain custom-built software, built from scratch, to efficiently track and manage volunteers and food pantry clients. This initiative has resulted in substantial cost savings, redirecting hundreds to thousands of dollars towards the non-profit's core mission of providing food assistance to those in need.