

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

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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)

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

Software Manager/Technical Lead

Mar. 2021 – June 2022

- ❖ 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

Software Engineer

Nov. 2018 – June 2022

- ❖ 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

- ❖ Develop, and maintain custom-built software 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.