

Jay Mason

Full-Stack Software Engineer
w/ Management Experience

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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Portfolio

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

GitHub

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

Relevant Experience

Willis Towers Watson (WTW)

June 2022 – Current

Lead Associate - Systems Development

- ❖ Develop new features for a React/RESTful API project, contributing to both front-end and back-end development
- ❖ Actively collaborate with stakeholders and scrum team to refine and estimate stories
- ❖ Assist with projects outside of the scrum team, including working with the CI/CD pipeline in Azure to deploy new projects and update existing pipelines, ensuring efficiency and cost-effectiveness
- ❖ Complete RCA's, documentation reviews, and write Coded-UI/Unit tests to ensure the quality and maintainability of the software
- ❖ Nearly doubled productivity by increasing the average user story points completed per sprint from 9-12 to 20-24.

General Inspection LLC

Mar. 2021 – June 2022

Software Team Manager

- ❖ Implemented software tools such as Git & Code-Reviews
- ❖ Leveraged GitHub Actions to create a CI/CD pipeline that would 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 an 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 to support 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 data from sensors (vision, lasers, 3D)

Education

Arizona State University

2019-Current

Bachelor of Science in Engineering - Engineering Management

Oakland Community College

2016-2019

Software Engineering associate degree in computer science
Certifications: Web Development Certificate

Additional Experience

Oakland HOPE Technology

2019 – Current

- ❖ Designed, Implemented and Support a custom-built Content Management System written in PHP/Bootstrap that manages volunteers (profile registrations, affiliations, volunteer hour tracking, etc.)
- ❖ Created a utility to import previous year google form excel data into the new volunteer portal, reducing manual labor required to export volunteer information and allow for volunteers to track their own data
- ❖ Currently working on designing, developing, and implementing an additional layer on-top of the volunteer portal that will allow for Oakland HOPE to track and manage clients within the Food Pantry