Jay Mason

Full-Stack Software Engineer
w/ Management Experience

Skills

Microsoft Suite (C#, VS, GitHub)

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

DB Management (MySQL, EF, MSSQL)

C++

Dev. Tools (Debugging, JIRA, Kanban)

Java

Angular, TypeScript, React

Contact

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Portfolio
https://jaymason.pro

GitHub
https://github.com/Jay-Mason

Relevant Experience

Willis Towers Watson (WTW)   June 2022 – Current
Lead Associate - Systems Development

- ❖ Developed user interface components, web services, and database interactions
- ❖ Designed and implemented unit, integration, and Selenium automation tests
- ❖ Participated in all phases of development (architecture, design, implementation, debugging, validation, and verification)
- ❖ Worked directly with stakeholders and product owner to understand business needs on development tasks

General Inspection LLC   Mar. 2021 – June 2022
Software Team Manager

- ❖ Implemented software tools such as Git, Jira, and peer Code Reviews
- ❖ Managed a team of up-to 5 software engineers
- ❖ Handled project & timeline management
- ❖ Implemented Asana company-wide for managing projects and tasks, which greatly improved company communication

  + Continued to complete own projects as a software engineer

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 Associates in Computer Science
Certifications: Web Development Certificate
Awards: Summa Cum Laude

Additional Experience

Oakland HOPE Technology   2020 – Current

- ❖ Designed and implemented CMS (Content Management System) written in PHP, MySQL, JS, and HTML/CSS
- ❖ Volunteers register on the system one-time and build an online profile. This profile tracks position and hours
- ❖ Created a tool that allowed previous years data to be exported from excel and imported into MySQL Database
- ❖ System allows for tracking data, reporting and other administrative tools to help manage food pantry and thrift store volunteers