Mitchell Caisse

Boston, MA   https://mwcaisse.com/   LinkedIn

EXPERIENCE

Software Engineering Manager, Tonic AI   **November 2021 - present**

- Architected and led development of a project to merge data from databases in different environments together.
- Lead developer on Spark team, added support for new versions of Spark, metadata catalogs, and runners. Improved parity between C# and Java code, defined and implemented best practices.
- Supported customers by quickly identifying causes of blocking issues and implementing fixes.

Portfolio Tech Lead, Kessel Run   **August 2020 – November 2021**

- Oversaw the development of a suite of applications for F-35 maintenance across 10 product teams and ~80 developers.
- Devised and executed plan to transition suite of applications to sustainment, reduce technical debt, improve standardization, and improve documentation to increase future maintainability.
- Architected an event based solution to support disconnected, disadvantaged, and distributed operations across a suite of 10 microservices and guided teams towards implementation.
- Provided technical guidance to developers and input to teams road maps to meet technical and product goals.

Senior Software Engineer, Kessel Run   **September 2019 - August 2020**

- Led effort to develop, document, and implement architectural improvements across a suite of applications and development teams.
- Quickly became a subject matter expert in our architecture and engineering practices, serving as a resource/mentor for other developers.
- Technical leader on a product team, mentoring junior developers and influencing design to be maintainable and follow best practices. Following XP practices such as test driven development and pair programming

Lead Software Developer, Insurify   **December 2017 – September 2019**

- Architected and implemented infrastructure to improve scalability, reliability, and security of our application. Automated the configuration of servers.
- Led the back-end development team, oversaw the development and architecture of all integrations, handled communication with partners, and defined requirements.
- Lead developer of a project to collect payments on our site. Developed a PCI DSS compliant API to process payments. Implemented a scalable and PCI DSS compliant production environment
- Enhanced the protection of our customer data by improving encryption practices and utilizing a KMS

Software Developer, Raytheon Company   **May 2015 – December 2017**

- Lead developer on several applications, include part pricing, workplace compliance, and import / export compliance. Played a key role in defining requirements and designing implementation.

EDUCATION

Bachelors of Science in Computer Science, Worcester Polytechnic Institute   May 2015

SKILLS

C#, Java, Python, JavaScript, Kotlin, HTML, TypeScript, Git, React.js, Vue,js