Mitchell Caisse

https://mwcaisse.com/   LinkedIn

EXPERIENCE

Principal Software Engineer, Dark Wolf Solutions   **July 2024 - present**

- Led development of an application to manage inventory of products in theater. Implemented method to synchronize data across a distributed system with no or limited connectivity.
- Developed application to ingest text / media files, process them via AI/ML pipeline, and make the results easily searchable.
- Coordinated amongst disparate teams to define requirements for integration and data migration. Advised of architectural updates to improve reliability data transfer between systems.
- Developed a tool to migrate data from a legacy solution to a new application, supporting migrating of specific subsets of data

Software Engineering Manager, Tonic AI   **September 2022 - July 2024**

- Launched a greenfield project to quickly orchestrate databases, pre-populated with data, in Kubernetes. Demo'ed to customers and achieved 2 paying customers within 2 months.
- Led development of solution to database container artifacts, populated with de-identified data, that could be spun up in testing pipelines without a dedicated database.

Senior Software Engineer, Tonic AI   **November 2021 - September 2022**

- Lead developer supporting our Spark offering and customers. Added support for new versions of Spark, and spark technologies (Databricks, Apache Livy) Improved performance by 50%
- Architected and developed a solution to merge data from multiple databases together (Upsert) with support across multiple databases (Oracle, MySQL, Postgres, SQL Server)

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.
- Architected and helped implement an event based solution to support DDIL across 10 services
- Provided technical guidance to developers and roadmaps to meet technical and product goals.

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

- Quickly became a subject matter expert in our architecture and engineering practices, serving as a resource and mentor for other developers.
- Technical leader on a product team, mentored junior developers and influenced design to be maintainable and follow best practices. Utilized XP, test driven development, pair programming

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

- 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

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.

SKILLS

Languages: C#, Python, Java, Kotlin, JavaScript,, TypeScript, SQL,

Technologies: Spring, .NET, FastAPI, Django Rest Framework, React, Vue, Docker, Kubernetes, Terraform, Git, AWS, Postgres, MySQL, Bash, Linux,

EDUCATION

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