

# Hayden Haddock

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## Education

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### University of Missouri

Columbia, Missouri

B.S., Information Technology Engineering, Minor in Computer Science

2015–2019

**Relevant Coursework:** Software Engineering, Algorithm Design, Cyber Security, Database Systems, Full Stack Web Development, Object Oriented Programming

## Professional Experience

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### Mastercard Int.

Senior Software Engineer

March 2023 – Present

- Aided in MPGS modernization by contributing to **Spring Boot API** and **React** micro front-end development.
- Worked with stakeholders during Critical Security Events to **triage production issues** and implement resolutions.
- Mentoring for Junior engineers inside and outside of team. Provided guidance on technical skills development, gave suggestions on navigating the early career, and provided anecdotes about personal work experience.
- Led effort to upgrade core API integration with Mastercard Gateway to a significantly newer version encompassing several major architectural changes.
- Contributed to analysis, architectural discussions, and POC implementations for re-writing the Simplify Commerce platform using **Java** with **Spring Boot**.

### Mastercard Int.

Software Engineer II

March 2022 – March 2023

- Created end-to-end implementation for new payment enhancement between Simplify Commerce platform and Mastercard Payment Gateway.
- Implemented three new languages on platform for **Angular** and **Grails** applications. Owned translation updates on platform.

### Mastercard Int.

Software Engineer I

March 2020 – March 2022

- Worked with senior team members to re-write **AngularJS** application in modern **Angular** while simultaneously updating relevant dependencies and libraries.
- Extended developer **Command Line Interface** to incorporate new tools and simplify the onboarding process for new developers.

## Projects

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### Web Service API Integration – Version Upgrade

Mastercard - 2024

- Led effort to update core API integration of the Simplify Commerce Product to significantly newer version.
- Worked with stakeholders to elaborate feature requirements, provide updates on development progress, and ensure proper sign-off after completion.
- Collaborated with Penetration Testing team to facilitate testing of all effected micro services before release into production.

### Platform Localization

Mastercard - 2022

- Owned the implementation of three new languages on Simplify Commerce platform consisting of both Angular applications and REST API services written in Grails.
- Worked across team boundaries to ensure that new features were localized in all languages before their release in production and implemented any necessary changes to current translations.

## Technical Skills

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**Programming Languages:** Java, JavaScript/jQuery, Groovy, TypeScript, SQL, HTML, CSS,

**Technology:** Spring Boot, Spring Web, Spring Security, Angular, React, NodeJS, PostgreSQL, Redis, Pivotal Cloud Foundry, Splunk, Jenkins, Git, Unix