Hayden Haddock

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Education

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

Mastercard Int.
Senior Software Engineer   *March 2023 – Present*

- Aided in MPGS modernization by contributing to **Spring Boot** API development building **User Authentication / Authorization** flows.
- Built modernized "Search Service" utilizing **Spring Boot** which replicates the functionality of the legacy application with modern authentication and authorization mechanisms.
- 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.

Mastercard Int.
Software Engineer II   *March 2022 – March 2023*

- Created end-to-end implementation for new payment enhancement between Simplify Commerce platform and the 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

Web Service API Integration – Version Upgrade   *Mastercard - 2024*

- Led effort to upgrade core API integration of the Simplify Commerce Product to significantly newer version, touching ten different microservices.
- Worked with stakeholders to elaborate feature requirements, provide updates on development progress, and ensure proper approvals after delivery to production.
- 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

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