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Joseph Hendrix

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Summary

- Highly proficient in a variety of Java technologies, including Java EE, JPA (Java Persistence API), JSF (Java ServerFaces), Maven, Spring (including Spring Boot), Groovy, and Spock/Junit unit tests.
- Experienced in developing in all three of the major Java IDEs (Netbeans, Eclipse, and IntelliJ IDEA).
- Highly proficient in SQL as well as databases such as Oracle, PostgreSQL, and MySQL.
- Highly proficient with web development in Node.js, HTML, CSS, JavaScript, TypeScript, JSON, Angular, AngularJS, VueJS, and Jasmine/Karma unit tests.

Work History

Crown Equipment Corporation	Senior Software Engineer	June 2023 – Present
Marketing Integrations		January 2025 – Present

- Enhanced Angular front-end and Spring Boot backend services to support marketing initiatives and integrate with Hybris/SAP Marketing Cloud.
- Championed the adoption of Swagger UI across multiple Spring Boot applications, improving API documentation and streamlining development workflows.
- Drove the rollout of SonarQube across 11 repositories, establishing consistent code quality standards and enabling early detection of technical debt.

Crown.com	June 2024 – January 2025

- Continued to develop and maintain Spring Boot services, including introducing a Maven Archetype that reduced service creation time from weeks to minutes.
- Enhanced the public-facing Crown.com website with modern JavaScript, CSS, and HTML, updated Google Maps API features, and Sightly Templates in Adobe Experience Manager (AEM).
- Provided updates to AEM back-end functionality by refactoring and updating the Java codebase.

Internal Sales Tools	June 2023 – June 2024

- Implemented custom PDF generation capabilities using Spring Boot, Thymeleaf, and OpenHtmlToPdf.
- Completed reimplementing a new front-end application to Angular 14, which included upgrading the TypeScript version to TypeScript 4.7.
- Completed reimplementing the back-end of that Angular application with versions 2.7.0 of the Spring Boot Framework, including Spring Data (JDBC & JPA), Spring MVC, Spring Security, and testing using Spring Test and JUnit 5.
- Also upgraded that backend from Java 8 to Java 17.
- Completed these implementations several months ahead of schedule.

Optum	Senior Software Engineer	January 2022 – April 2023
MBM Now Client Experience Management		December 2022 – Present

- Worked on upgrading a front-end application from Angular 8 to Angular 14, including upgrading the TypeScript version from TypeScript 3.4 to TypeScript 4.7.
- Aided in the refinement of software requirements, including breaking down complex ideas into smaller, simpler and more manageable units of work.
- Worked on automating front-end Jasmine/Karma unit tests in a Jenkins pipeline.
- Routinely mentored junior software engineers and quality assurance engineers.
- Attended and participated in regular scrum ceremonies, including daily stand ups, retrospectives, and sprint planning sessions.

MBM Now / Martin's Point Healthcare TruCare API Integration	October 2022 – February 2023

- Led the effort to map over 25 different database values in MBM Now to the JSON parameters specified by the TruCare API.
- Used Postman to identify, test, and validate the TruCare API endpoints.
- Enabled client-side SSL encryption using private keys, certificate files, Java KeyStore (JKS) files, and the WebClient API of the Spring Framework.

MBM Now Utilization Management	January 2022 – December 2022

- Led my scrum team to win 3rd place in the 2022 annual hackathon by improving the user experience.
- Implemented a content security policy (CSP) in the web application in order to mitigate cross-site scripting (XSS) attacks.
- Provided fixes and enhancements to a web application that uses AngularJS (in addition to vanilla JavaScript, HTML, and CSS) in the front end, Java, Groovy. and JBoss EAP along with a Spring framework in the back end; as well as a MySql database (with migrations via FlyWay).
- Increased and enhanced unit test code coverage with the Spock Framework for the back-end and Jasmine/Karma the front-end.
- Attended and participated in regular scrum ceremonies, including daily stand ups, retrospectives, and sprint planning sessions.
- Effectively utilized Git and GitHub to regularly contribute to the project.

Northrop Grumman	Senior Software Engineer	January 2014 – December 2021
Project 3, 4, 5	Senior Software Engineer	July 2020 – December 2021
Projects 1 & 2	Software Engineer	January 2014 – July 2018
Moreover Technologies	Quality Assurance (QA) Engineer	May 2013 – October 2013
AFIT	Computer Programmer	March 2011 – May 2013

Education & Certifications

Wright State University	Master of Science (M.S.), Computer Science	2014 – 2018
Wright State University	Bachelor of Science (B.S.), Computer Science	2008 – 2012
Scrum.org Professional Scrum Master I		May 28, 2021
CompTIA Advanced Security Practitioner (CASP)		October 2, 2016
Oracle 1Z0-803 – Java SE 7 Programmer I		September 2015