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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 Internal Sales Tools	Senior Software Engineer Senior Software Engineer	June 2023 - Present October 2023 - Present
<ul style="list-style-type: none">• 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 MBM Now Client Experience Management	Senior Software Engineer Senior Software Engineer	January 2022 - April 2023 December 2022 - Present
<ul style="list-style-type: none">• 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	Senior Software Engineer	October 2022 - February 2023
<ul style="list-style-type: none">• 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	Senior Software Engineer	January 2022 - December 2022
<ul style="list-style-type: none">• 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 Project 5	Senior Software Engineer Senior Software Engineer	January 2014 – December 2021 July 2021 – December 2021
<ul style="list-style-type: none">• Provided updates to web pages written with PHP that used JavaScript frameworks including Bootstrap and Vue.js in a secure environment.• Created JSON REST endpoints using Oracle JSON Data Structures in a PL/SQL environment delivered through Oracle REST Data Services (ORDS).• Aided in coworker's use of Matomo Analytics and debugging of a JSF & JDBC application.		
Project 4	Senior Software Engineer	February 2021 – July 2021
<ul style="list-style-type: none">• Used automated software tools (Eclipse autoformatting & save actions) to reduce the complexity of the software code, allowing for easier debugging.• Self-managed software development activities, as well as collaborated with others using tools such as JIRA, Confluence, and FishEye.		
Project 3 Projects 1 & 2	Senior Software Engineer Software Engineer	July 2020 – February 2021 January 2014 – July 2018
Moreover Technologies AFIT	Quality Assurance (QA) Engineer Computer Programmer / Research Assistant	May 2013 – October 2013 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