

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

Optum	Senior Software Engineer	January 2022 - Present
MBM Now Client Experience Management	Senior Software Engineer	December 2022 - Present
<ul style="list-style-type: none"><li>• 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.</li><li>• Aided in the refinement of software requirements, including breaking down complex ideas into smaller, simpler and more manageable units of work.</li><li>• Worked on automating front-end Jasmine/Karma unit tests in a Jenkins pipeline.</li><li>• Routinely mentored junior software engineers and quality assurance engineers.</li><li>• Attended and participated in regular scrum ceremonies, including daily stand ups, retrospectives, and sprint planning sessions.</li></ul>		
MBM Now / Martin’s Point Healthcare	Senior Software Engineer	October 2022 - February 2023
TruCare API Integration		
<ul style="list-style-type: none"><li>• Led the effort to map over 25 different database values in MBM Now to the JSON parameters specified by the TruCare API.</li><li>• Used Postman to identify, test, and validate the TruCare API endpoints.</li><li>• Enabled client-side SSL encryption using private keys, certificate files, Java KeyStore (JKS) files, and the WebClient API of the Spring Framework.</li></ul>		
MBM Now Utilization Management	Senior Software Engineer	January 2022 - December 2022
<ul style="list-style-type: none"><li>• Led my scrum team to win 3rd place in the 2022 annual hackathon by improving the user experience.</li><li>• Implemented a content security policy (CSP) in the web application in order to mitigate cross-site scripting (XSS) attacks.</li><li>• 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).</li><li>• Increased and enhanced unit test code coverage with the Spock Framework for the back-end and Jasmine/Karma the front-end.</li><li>• Attended and participated in regular scrum ceremonies, including daily stand ups, retrospectives, and sprint planning sessions.</li><li>• Effectively utilized Git and GitHub to regularly contribute to the project.</li></ul>		
Northrop Grumman	Senior Software Engineer	January 2014 – December 2021
Project 5	Senior Software Engineer	July 2021 – December 2021
<ul style="list-style-type: none"><li>• Provided updates to web pages written with PHP that used JavaScript frameworks including Bootstrap and Vue.js in a secure environment.</li><li>• Created JSON REST endpoints using Oracle JSON Data Structures in a PL/SQL environment delivered through Oracle REST Data Services (ORDS).</li><li>• Aided in coworker’s use of Matomo Analytics and debugging of a JSF &amp; JDBC application.</li></ul>		
Project 4	Senior Software Engineer	February 2021 – July 2021
<ul style="list-style-type: none"><li>• Identified &amp; corrected bugs in the software that has existed for years prior.</li><li>• Used automated software tools (Eclipse autoformatting &amp; save actions) to reduce the complexity of the software code, allowing for easier debugging.</li><li>• Self-managed software development activities, as well as collaborated with others using tools such as JIRA, Confluence, and FishEye.</li><li>• Provided fellow team members with simpler methods of doing complex &amp; tedious tasks.</li></ul>		
Project 3	Senior Software Engineer	July 2020 – February 2021
<ul style="list-style-type: none"><li>• Created a Node.js web application that queries and updates data in a PostGreSQL/PostGIS database.</li><li>• Created a Docker container that holds that Node.js; created another Docker container that holds a PostGreSQL database that mirrors the schema of the real-world PostGIS database; ran both in a single Docker Compose instance.</li><li>• Wrote all ProsGreSQL SQL files to generate the tables &amp; create dummy data.</li><li>• Enabled the Node.js web application and the mirror database to use SSL file certificates instead of a username/password.</li></ul>		
Project 2	Software Engineer	March 2018 – July 2020
Project 1	Software Engineer	January 2014 – March 2018
Moreover Technologies	Quality Assurance (QA) Engineer	May 2013 – October 2013
AFIT	Computer Programmer / Research Assistant	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