

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">• 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">• Identified & corrected bugs in the software that has existed for years prior.• 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.• Provided fellow team members with simpler methods of doing complex & tedious tasks.		
Project 3	Senior Software Engineer	July 2020 – February 2021
<ul style="list-style-type: none">• Created a Node.js web application that queries and updates data in a PostGreSQL/PostGIS database.• 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.• Wrote all ProsGreSQL SQL files to generate the tables & create dummy data.• Enabled the Node.js web application and the mirror database to use SSL file certificates instead of a username/password.		
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