

Brian Weedon

SOFTWARE ENGINEER

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Summary

Software Engineer that is part of a scrum team that fixes bugs and adds features to two different SaaS solutions.

One application is a multi-tenant procurement web application with a backend written in Java and two different frontends. One UI uses vanilla HTML, JavaScript, and CSS with the help of jQuery and another UI uses Typescript Angular. This application uses Oracle as a database.

The other application is a multi-tenant sourcing web application with a backend in C#/.NET. The front end is a combination of vanilla HTML, JavaScript, CSS, and ASP.NET WebForms with the help of jQuery. This application uses Oracle as the database.

Work Experience

Proactis Holdings Ltd / Perfect Commerce

Newport News, VA

SOFTWARE ENGINEER

March '13 til August '15,

February '17 til November '21

- Worked to make an Internet Explorer focused C#/.NET Website fully functional in other more modern browsers
- Worked with the IT Ops team to automate the C#/.NET Website's build and deployment process. It was a set of VB Scripts that were kicked off manually. When the build was finished, files were manually copied to the IIS servers and service servers. This whole process was moved to a scripted Jenkins pipeline for all environments that was kicked off by a click of a button.
- Rewrote a portion of the C#/.NET application that exported RFXs to word documents using the Word 2003 interop and produced a .doc file. It was rewritten using .NET Core and the Microsoft OpenXml SDK to produce a .docx file.
- Led development on a Java web application focused on Public sector procurement. Worked closely with product management and customer implementation specialists to design and implement new features and prioritize bugs for releases.
- Worked to migrate the application's build and deployment process from being configured through the Jenkins UI to a scripted pipeline stored in git.
- Led development on another Java web application that focused on Private sector procurement for a short period of time. Worked closely with product management and customer implementation specialists to design and implement new features and prioritize bugs for releases.
- Worked with the development team to design and implement a reporting database and an adhoc reporting solution built with JasperReports. Worked to create an ETL and CDC process to move data from the live databases to the reporting databases.
- Worked on refactoring our PCI application written in Go so that we were able to have a successful PCI audit. The public and private procurement applications used this application to store the credit card data on orders that used them.
- Worked with the DBA team to upgrade the oracle database from 11g to 19c. During this process, we also downgraded from Enterprise Edition to Standard Edition.
- Worked on upgrading the private procurement application from Java 6 to Java 8 and tomcat version 5.5 to version 8.5
- Worked on moving both of the application's on-premise Jenkins builds and deployments to run in the cloud version of Azure DevOps pipelines.

Progeny Systems

Manassas, VA

SOFTWARE ENGINEER

September '15 til February '17

- Worked on multiple web applications that dealt with NLP and transforming free text into Medical Codes
- Worked on an application that would take oracle .dmp files of analytical data from a submarine, compress it, and burn it to a Disk or transmit it wirelessly. It would also be running in the lab and perform the decompression of the data so that it could be used to analyze the submarine's systems while out at sea.
- Started work on converting a Java Swing UI into a responsive Web application.

Education

Christopher Newport University

Newport News, VA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

September 2009 til May 2013

- Studied Computer Science and received a Bachelor's degree

Skills

Experienced In	Java, Tomcat, Jenkins, Git, C#, ASP.NET, SQL, Agile Development
Comfortable With	Spring Boot, JUnit, Go, Docker, JavaScript, TypeScript, Angular, Oracle Databases, PL/SQL, .NET Core
Familiar With	Bash, SQLServer, Kanban