
Skills Summary

Languages: Java, Javascript, C, C#, PHP, Perl, HTML, CSS, VHDL
Frameworks: Spring with JUnit and TestNG, AngularJS and Angular 2 with Karma and Jasmine, KnockoutJS
Version Control: Git, CVS, SVN, Perforce
Build Systems: Ant, Maven, Jenkins, Bamboo

Work Experience

Software Developer at Exchange Solutions Inc.

July 2016 – Present

- Worked on implementing a web application for a loyalty rewards program
- Built front end in JavaScript w/ Angular 2, Jasmine and Karma testing frameworks
- Designed back-end using Spring (Java 8) and JUnit
- Upgraded application from AngularJS to Angular 2

Software Developer (Intern) at SAP Hybris

September 2015 - December 2015

- Developed features for Hybris eCommerce – a modular WYSIWYG framework for creating eCommerce websites
- Contributed to front-end in AngularJS, wrote tests in Jasmine and Karma
- Built application backend with Spring (Java 8) and JUnit
- Integrated ElasticSearch to allow for searching of web templates
- Implemented drag and drop functionality for adding new web component elements with a custom WYSIWYG tool for further customization of elements
- Followed Behaviour Driven Development practices, using JIRA for bug tracking and FishEye for code review
- Maintained Jenkins build system by writing scripts using Ant

Software Developer (Intern) at Exchange Solutions Inc.

September 2014 - December 2014

- Developed Smarter Loyalty Product system – a customizable system for managing customer reward points based on customizable actions
- Implemented a module that interprets MVFLEX Expression Language (MVEL) including defining sets of constraints for reward campaigns to determine whether a client qualifies for reward offers in order to generalize loyalty programs
- Created Java jobs for Spring Batch module to create reward campaign analytic reports by aggregating user action flows to provide updates for ongoing reward campaigns
- Wrote tests with JUnit and TestNG

- Designed and implemented a fulfillment system for product ordering tracking of rewards products
- Used test-driven development and object-oriented design principles to approach tasks, used Ant and Maven for build systems, JIRA for bug tracking
- Gained experience with KnockoutJS on front end development tasks

Software Developer (Intern) at Exchange Solutions Inc.

January 2014 - April 2014

- A
- B
- C

Build Engineer (Intern) at OpenText

May 2012 - August 2012

- Configured on-demand builds and created Release Candidates for QA
- Revised Perl scripts used to support the current build environment
- Provided entry level support for Developers and QA Team members requests
- Debugged and fixed issues in central build environment
- Installed build tools in Windows and Linux environments
- Documented new procedures including the explanation of the build environment and Build Management Team practices

Education

University of Waterloo

2011-2016

Honours Bachelor of Applied Science in Computer Engineering

Interests

Reading
Hiking
Curling

Painting
Drawing
Crocheting