

Matt Mason

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COMPUTER SKILLS

Languages : Java, SQL, React, Ruby, Javascript, XML, Hibernate

Software: JBoss, Node.js, JQuery, Spring, PostgreSQL, Oracle, Powershell, Chef, Linux, Windows, Mac OS X, Android

RELATED EXPERIENCE



January 2015 - Present

Software Engineer
McLean, VA

- Worked with a DoD Secret Clearance on a Navy tactical decision aid application for mine warfare and mine counter measures.
- Developed java and SQL back end code and xhtml front end code using rich faces.
- Developed front end code using Bootstrap, JQuery, React, and Openlayers 3 for a rewrite effort of an old tech stack.
- Worked with AD LDS instances for authenticating users, JBoss, Hibernate, NSIS, Rich Faces, React, and Openlayers.
- Independently developed a chef project for automated deployment of project code, enabling a push to production from development in 10 minutes.
- Stood up development pipelines for automated testing and production of software artifacts using Gitlab, Jenkins Pipeline, Chef, Nexus, SonarQube, Selenium, and VSphere.
- Developed a new non-destructive installer which would retain a previous instance's data (used Flyway, Windows Powershell, Postgres functionality, retaining data from Wildfly and Hibernate search).
- Wrote Cucumber, Selenium, and testng test scripts for regression testing application during nightly build and a automated immediate build.
- Worked directly with the customer on testing and supporting customer efforts in office and at the customer site.
- Implemented new changes and fixes for a fielded legacy system (using Sybase and Java).



April 2014 - December 2014

Software Developer Specialist

Arlington, VA

- Developed a manifest upload and processing application for the US Postal Service using Agile based methodologies including scrum.
- Installed and configured Jenkins using Chef Ruby scripts and Vagrant to automatically install and configure a server running on a VM
- Developed code for consuming REST web services used in the file upload and processing application.
- Developed scripts for automating deployments to IBM WebSphere using WebSphere's Jython SOAP API to manage deployments.
- Developed Flyway SQL scripts for updating and creating new records for supporting deployments.
- Developed code for displaying data on uploaded and processed files using bootstrap javascript datatables.



February 2011 - March 2014

Software Consultant

Reston, VA

- Developed applications using Oracle ADF, Oracle 11g Database, and Java.
- Developed custom web code in Java, Java Script, and JSP for updating an existing expense system to 11g technology using Oracle Access Manager. (US Census Bureau)
- Developed a continuous testing system using Selenium and set up a continuous integration server (Hudson) for use with testing web code designed for a highly available point of sale system. (NetApp)
- Independently developed a utility with custom Java code for use with Oracle Content DB for uploading of data, administration of Content DB, and parsing data. (US Forest Service)
- Installed and configured systems using Linux, tested capacity of the installed Content DB software, and tuned the JVM for use with Oracle Content DB. (US Forest Service)
- Developed Java and web code in JSFFs using Oracle ADF for consuming SOAP web services in a highly available system. (Oregon Health Care Exchange)
- Developed portlet code in JSP for an investor portal. (Lincoln Financial)
- Helped new hires orient and become familiar with internal Oracle policies and workings in a mentor type of role.
- Presented training sessions on latest web application testing techniques.



June 2009 - December 2010

Student Temporary Employment Program

Gaithersburg, MD

- Developed a rule engine for verification of standards for the semiconductor manufacturing industry (ISMI) using JBoss and Drools.
- Wrote Java code for the backend of the application, aided with development of the user interface, created test cases, and resolved issues.
- Delivered the initial version of developed software to ISMI for use with validating metadata of semiconductor manufacturing equipment.
- Worked with ISMI, to develop standards and rules that would better fit the data set after seeing the results of the tool that was developed.



May 2004 - August 2005

Web Developer Intern

Columbia, MD

- Created and designed web pages for clients using HTML, CSS, PHP, JSP, and ASP.
- Resolved bugs in web code built for clients.
- Provided maintenance for web pages, programs, and/or databases.
- Used proprietary software, SQL tags, for embedding SQL calls in Java web applications and web Code to develop web applications.

**OTHER
EXPERIENCE**



August 2007 - May 2010

Resident Assistant

College Park, MD

- Served on a duty system as the first response to student crisis situations.
- Developed and fostered community interactions through planned student activities.
- Encouraged a safe community by promoting responsibility and enforcing residence hall policies.
- Resolved conflicts amongst residents using conflict resolution techniques.
- Provided support for about 30 freshmen and sophmores.

EDUCATION



Bachelor of Science, Computer Science 2010

University of Maryland, College Park, MD

Bachelor of Science, Physics 2010

University of Maryland, College Park, MD