

Matt Mason

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SKILLS

Languages : Java, SQL, ReactJS, Javascript, Ruby

Software: AWS, Docker, Node.js, Spring, PostgreSQL, Hibernate, Chef, Puppet, Selenium, JBoss, Linux, Windows, Mac OS X, Android, Powershell, GIT, Agile, Scrum, Jira

EXPERIENCE



January 2015 - Present

Senior Software Engineer

McLean, VA - Reston, VA

- Worked on DoD applications that required a Secret clearance.
- Developed and provided technical approaches for implementations for a team of engineers as a DevOps Lead.
- Developed production application code using Java, React, SQL, HTML, Ext JS, Powershell, NSIS, and Ruby.
- Integrated an application to use Chef, JQuery, and Openlayers 3 for mapping.
- Integrated applications with JBoss, Puppet, Chef, NSIS, Jenkins, Apache, Tomcat, Openlayers, PostgreSQL, and authentication for users.
- Independently developed a chef project for automated deployment of project code, reducing time required for pushes to production by over 90%.
- Stood up software development pipelines with automated testing and building software using Gitlab, Jenkins Pipeline, Chef, Nexus, SonarQube, Selenium, and VSphere.
- Developed non-destructive install capability to retain data across versions (using Flyway, Windows Powershell, and Postgres).
- Wrote Cucumber, Selenium, and testng test scripts for regression testing application during nightly build and a automated build.
- Resolved information security issues to meet DoD compliance (SSL, FIPS approved ciphers, certificates).



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.
- Leveraged 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 Database, and Java for multiple project applications.
- 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)
- 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 International Sematech Manufacturing Initiative (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.
- Worked with ISMI to develop standards and rules that would better fit data sets after analysis from the developed tool.



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.
- Maintained web pages, programs, and/or databases.
- Leveraged proprietary software, SQL tags, for embedding SQL calls in Java web applications and web Code to develop web applications.

OTHER



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