# 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**

**SAIC.**

January 2015 - Present

**Dev Ops Lead**
- Worked on DoD applications that required a Secret clearance.
- Developed and provided technical approaches for implementations for a team of engineers.
- Stood up software development pipelines with automated testing and building software using Gitlab, Jenkins Pipeline, Chef, Nexus, SonarQube, Selenium, and VSphere.
- Resolved information security issues to meet DoD compliance (SSL, FIPS approved ciphers, certificates).

**Senior Software Engineer**
- Developed production application code using Java, React, SQL, HTML, Ext JS, Powershell, NSIS, and Ruby.
- Developed mapping application with Openlayers 3 and React.
- 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 in 10 minutes.
- 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 automated regression testing.

**accenture**

**Software Developer Specialist**

- 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.

**ORACLE**

February 2011 - March 2014

**Software Consultant**

- 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.

**NIST**                                        June 2009 - December 2010

**Student Temporary Employment Program**

- 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.

**AIT** APPLIED INFORMATION TECHNOLOGIES, INC          May 2004 - August 2005

**Web Developer Intern**

- 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**   UNIVERSITY OF **MARYLAND**          August 2007 - May 2010

**Resident Assistant**

- Served on a duty system as the first response to student crisis situations.
- Developed and fostered community interactions through planned student activites.
- 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