

# Matt Mason

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(410) 370-4778

## SKILLS

*Languages :* Java, SQL, Javascript, Ruby

*Software:* AWS, Docker, Node.js, React, Angular, Spring, PostgreSQL, Hibernate, Gitlab, Jenkins Pipeline, Chef, Puppet, Selenium, Nexus, SonarQube, Selenium, JBoss, Linux, Windows, Mac OS X, Powershell, GIT, Agile, Scrum, Jira, Confluence

## EXPERIENCE



January 2015 - Present

### DevOps Lead

- Provided technical approaches and guidance for architecture and security to a team of engineers.
- Maintained a backlog and led a team of engineers and administrators with an agile methodology for DevOps.
- Led development of automated software testing and pipelines for building software using Gitlab, Docker, Jenkins Pipeline, Chef, Nexus, Flyway, SonarQube, Selenium, and VSphere.
- Led Puppet development responsible for installation and configuration of applications.
- Reviewed code from multiple developers and outlined code quality standards and guidelines for code review.
- Architected information security solutions to meet DoD compliance (TLS, SSL, FIPS approved ciphers, certificates).

### Senior Software Engineer

- Developed production application code using Java, React, SQL, HTML, Ext JS, Powershell, NSIS, and Ruby.
- Developed applications with a Serverless architecture using AWS.
- Integrated applications with JBoss, Puppet, Chef, NSIS, Jenkins, Apache, Tomcat, Openlayers, PostgreSQL, and authentication.
- Developed a chef project for automated deployment of project code, reducing time required for pushes to production in 10 min.
- 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.
- Worked on DoD applications that required a Secret clearance.



April 2014 - December 2014

### 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.



February 2011 - March 2014

### Software Consultant

- 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)
- Presented training sessions on latest web application testing techniques.

## EDUCATION



*Bachelor of Science, Computer Science 2010*

*University of Maryland, College Park, MD*

*Bachelor of Science, Physics 2010*

*University of Maryland, College Park, MD*

## CERTS



*DevOps Foundation*

*DevOpsInstitute*