

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

Dev Ops Lead

- Developed and provided technical approaches and guidance for security and architecture to a team of engineers.
- Maintained an agile backlog for a team of engineers and lead the agile development process for DevOps.
- Stood up software development pipelines and automated testing for building software using Gitlab, Docker, Jenkins Pipeline, Chef, Nexus, Flyway, SonarQube, Selenium, and VSphere.
- Wrote Puppet code and modules responsible for configuring application to interface with numerous datasources.
- Resolved information security issues to meet DoD compliance (TLS, SSL, FIPS approved ciphers, certificates).

Senior Software Engineer

- Worked on DoD applications that required a Secret clearance.
- 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.
- 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.



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 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.

EDUCATION



Bachelor of Science, Computer Science 2010

University of Maryland, College Park, MD

Bachelor of Science, Physics 2010

University of Maryland, College Park, MD