

Matt Mason

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SYNOPSIS

Clearance : Secret

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, Apache, Tomcat, Linux, Windows, Mac OS X, Powershell, GIT, Agile, Scrum, Jira, Confluence

EXPERIENCE



April 2020 - Present

Senior Principal Software Engineer

- Provided technical solutions and guidance for DevSecOps.
- Led outreach to development and administrative teams for on-boarding to DevSecOps processes.
- Led automation effort of automating manual processes through scripting.



January 2015 - April 2020

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.
- Developed a chef project for automated deployment of project code, reducing time required for pushes to production to under 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.



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 Flyway SQL scripts for updating and creating new records for supporting deployments.



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)
- 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