

# Matt Mason

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## SYNOPSIS

*Clearance* : Secret

*Software*: AWS, Docker, Node.js, React, Angular, Spring, PostgreSQL, Hibernate, Gitlab, Jenkins Pipeline, Chef, Puppet, Selenium, Nexus, SonarQube, Selenium, Tomcat, Apache, Kafka, Linux, Windows, Microservices, 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.
- Provided solutions for an AWS environment.



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

- Pioneered 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.
- 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



*AWS Certified Developer - Associate*

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