

# Matt Mason

---

6709 Applemint Lane  
Alexandria, VA 22310  
mattsmason@gmail.com  
(410) 370-4778

## SYNOPSIS

*Clearance* : Secret

*Description:* Experienced software professional and leader with a proven track record of leveraging industry knowledge to implement successful solutions and organizational skills to drive and deliver value for government and commercial customers for over 12 years.

## EXPERIENCE



April 2020 - Present

### Senior Principal Software Engineer

- Architected and developed DevSecOps solutions, libraries, pipelines and standardization guidance for multiple teams on large programs using Jenkins shared libraries and CSP services.
- Architected a custom Salesforce Jenkins pipeline for management of promotion through software lifecycle within a single Salesforce org.
- Led modernization and implementation for teams to integrate with DevSecOps processes and pipelines to automate and increase efficiency and throughput for legacy applications.
- Designed and Implemented Ansible playbooks for managing legacy applications and integrated execution into Jenkins CICD Pipeline.
- Implemented program wide standards and processes for common development practices such as code review, code quality, and security waivers.
- Led process design and implementation for management of the software lifecycle of a critical upgrade to a high demand application.
- Implemented object-oriented design patterns to provide re-usable solutions and mentored others in the use of re-using object-oriented code.
- Designed and implemented Puppet desired state configuration libraries to define roles for legacy system upgrades.
- Led program standardization and simplification of development team demands using DevSecOps pipeline to canonicalize standard common configuration through tools like npm, maven, and gradle.
- Mentored other DevSecOps engineers for career guidance and technical growth by teaching data structures and algorithms.



January 2015 - April 2020

### DevOps/Software Lead

- Provided technical guidance and leadership for architecture and security to an agile team of engineers for DevSecOps.
- Architected information security solutions to meet DoD compliance (TLS, SSL, FIPS, SeLinux, certificates) using Puppet.
- Led development of automated software testing and pipelines for building software using Gitlab, Docker, Jenkins Pipeline, Chef, Nexus, Flyway, SonarQube, Selenium, Puppet, and VSphere.

### Senior Software Engineer

- Developed production application code using Java, Angular, React, SQL, HTML, Ext JS, Powershell, NSIS, Puppet, and Ruby.
- Developed applications using Serverless architecture on AWS.
- Developed a chef project for automated deployment of project code, reducing deploy time to under 10 min from hours.
- Developed non-destructive install capability to retain data across versions (using Flyway, Windows Powershell, and Postgres).
- Developed test scripts using Cucumber, Selenium, and testing.



April 2014 - December 2014

### Software Developer Specialist

- Developed a novel on-demand Jenkins using Chef Ruby scripts and Vagrant to install and configure a build server on demand.
- Developed Flyway SQL scripts to automated database deployments.



February 2011 - March 2014

### Software Consultant

- Developed a continuous testing system using Selenium and a continuous integration server (Hudson) for testing web code designed for a highly available point of sale system. (NetApp)

## 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*

Issued Dec 2020 Expires Dec 2023

Validation Number: H1VN45GDLJF4Q8CR