

Matt Mason

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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.

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 Severless 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 testng.



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

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