

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.

EXPERIENCE



April 2020 - Present

Senior Principal Software Engineer

- Architected and developed DevSecOps solutions, libraries, and guidance for multiple teams on large programs in AWS and on premises environments.
- Led outreach to various teams for on-boarding to DevSecOps processes and pipelines to automate and increase team efficiency and performance.
- Led automation effort and process improvement by leveraging scripting and various tools for DevSecOps efforts.
- Mentored other DevSecOps engineers for career guidance and technical growth.



January 2015 - April 2020

DevOps/Software 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, Puppet, and VSphere.
- Led DevSecOps development responsible for installation and configuration in a secure environment.
- 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

- Provided in person field support for customers.
- Developed production application code using Java, 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 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).
- Developed test scripts using Cucumber, Selenium, and 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 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)
- Presented training sessions on latest web application testing and development 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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