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 for over 15 years.

EXPERIENCE

August 2023 - Present

Software Engineer

- Provided technical guidance and leadership for architecture for security compliance automation.
- Architected software tooling to and upgrade path for a live SaaS instance and standalone instances.
- Implemented Puppet for ensuring compliance with various security standards (CIS, DISA, etc).

April 2020 - July 2023

Senior Principal Software Engineer

- Architected and developed DevSecOps custom solutions, libraries, pipelines and standardization guidance for multiple teams on large programs using Jenkins shared libraries and CSP services.
- Led modernization and implementation for teams to integrate with DevSecOps processes, pipelines, and practices to automate and increase throughput for legacy Oracle SOA apps.
- 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.
- Led process design and implementation for management of the software lifecycle of a critical upgrade to a high demand app.
- Mentored multiple team members on object-oriented design patterns in code reviews and to provide re-usable solutions.
- Designed, implemented, and led Puppet desired state configuration libraries to define roles for legacy system upgrades.
- Architected program-wide standardization and simplification of development team demands using DevSecOps pipelines to

canonicalize standard common configuration through tools like npm, maven, and gradle.

SAIC   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, PKI) 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.

accenture   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 automated database migrations.

ORACLE   February 2011 - March 2014

Software Consultant

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
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