

SUMMARY

Software developer and team leader with over eight years of enterprise technical experience and a focus in federal clients. Strong background in both business and technical domains. Experienced in waterfall, agile, and hybrid environments, as well as transitioning projects moving from waterfall to agile. Significant experience with SAST and DAST defensive application hardening.

PROFESSIONAL EXPERIENCE

International Business Machines *Senior Application Developer, Scrum Master* 2013 - Present

Development, Team Lead, and Scrum Master responsibilities across 23 release efforts working with 11 distinct teams. Heavy focus on software security vulnerability remediation and application modernization. Creation of build scripts and Jenkins configurations for DevOps automation. Maintained various internal and client-facing documentation.

- 13 efforts focused on software security to meet government STIGs and OWASP standards.
- 6 efforts focused on modernizing legacy web applications with new or improved content.
- 4 efforts required on technical analysis support for non-development deliverables.

PROJECT HIGHLIGHTS

IBM Internal - FSST *Senior Application Developer, Agile Coach*

Creation of a new internal application in a unified ECM (enterprise content management) solution to replace several legacy document database systems. Individual technical efforts included automated data migration, integrating with REST API services, and document creation and modification through the Apache POI library. Additionally worked as an architect for code, platform, and code repository design. Non-technical efforts included taking on the role of Agile Coach and Scrum Master during its waterfall-to-agile transition.

FEMA RiskMap – MIP & MSC *Senior Application Developer, Scrum Master*

Onboarded as a senior developer to support security remediation via the Fortify and Web Inspect code analysis tools, in a newly forming SAFe 5.0 structured environment. Helped support with identifying tools, techniques, and practices that multiple teams could use to determine and then improve our workflow. After 6 months in this role, moved to a Scrum Master role within the same project, for two agile teams both dedicated to supporting security finding remediation. This role included additional administrative responsibilities for senior leadership and client-facing reports.

FEMA EADIS – EGRANTS & EHP *Senior Application Developer*

Significant work on remediating security findings as a developer, using Fortify Audit Workbench as the primary tool for static code analysis. Investigated, identified, and implemented solutions for these vulnerability findings to fully remediate them. This effort additionally included a full application rewrite to migrate frameworks from Struts 1.x to Struts 2.x.

FEMA EADIS – NEFRLS & NSS *Application Developer*

Migration of application from Oracle OC4J to Weblogic 12, Java 1.5 to Java 1.8, and Red Hat RHEL 4 to RHEL 7. Required a rewrite of the build files from the ground up, as well as an analysis of all depreciated libraries and replacement with new or updated functionality where appropriate.

FEMA EADIS – RIMS Suite *Application Developer*

Application sustainment for a suite of 8 legacy applications. Responsibilities included remediating defects, adding new functionality at client request, ensuring Section 508 accessibility standards were upheld, and supporting a smart-card PIV enablement effort across the portfolio, personally responsible for 7 of these applications.

EDUCATION

Master of Business Administration	University of Maryland Global Campus	2017
Master of Science, Technology Management	University of Maryland Global Campus	2016
Bachelor of Science, Computer Science	Frostburg State University	2013

CERTIFICATION HIGHLIGHTS

SAFe 5.0 for Teams	Professional Scrum Master II (PSM II)
PMI Agile Certified Practitioner (PMI-ACP)	Professional Project Manager (PMP)