

Shawn McKeon

Merrimack, New Hampshire • (603) 512-7537 • shawn.mckeon@outlook.com • [linkedin.com/in/shawnmckeon](https://www.linkedin.com/in/shawnmckeon)

SUMMARY

Certified cybersecurity software engineer with a developer's mindset and a defender's vigilance. I foster alignment across teams through clear communication and comprehensive documentation. I design secure, scalable, cloud-native applications using GitHub, Kubernetes, and Azure that integrate DevSecOps principles, reduce operational risk, and cut technical debt. I specialize in Python, PowerShell, GenAI, authentication, encryption, and NIST compliance. In Fortune 500 environments, I modernized legacy systems, delivered award-winning cybersecurity solutions, increased cloud efficiency by 45%, and expanded data integration by 300%. My automation saved millions in engineering hours. I mentored developers and improved DevSecOps maturity. I seek architectural roles where I can build secure platforms and drive continuous improvement in systems, processes, and people in organizations that prioritize secure design, innovation, and mentoring.

SKILLS

Architecture & Design: Integration, Reference Architecture, Reference Design, Sparx Enterprise Architect, Archi

Authentication & Access Control: Microsoft Entra ID, Active Directory (AD/Group Policy, ADCS), Single Sign-On (SSO), PKI

Cloud & Virtualization: Microsoft Azure, Google Cloud Platform (GCP), VMware vSphere, Hyper-V, VirtualBox

Communication & Documentation: Technical Writing, Markdown, Draw.io

Cybersecurity & Compliance: Auditing, DFIR, Encryption & Key Management, SCC, Snyk, Tenable Nessus

Database & Systems: Azure SQL, RHEL, Ubuntu, Windows Desktop/Server, System Administration

Development & Scripting: Python, SQL, PowerShell

DevOps & Tools: CI/CD (Jenkins, GitHub/GitHub Copilot, Artifactory), Kubernetes, Docker, Rancher Desktop, Chef, WSL, Splunk, CheckMarx, Bruno, Confluence, Jira

Methodologies & Frameworks: SAFe Agile (including DevSecOps), NIST CSF & RMF (DAAPM, JSIG), POAMs, SCTM, STIGs

Networking & Analysis: Wireshark

EXPERIENCE

WALMART GLOBAL TECH

Remote: Merrimack, New Hampshire

Staff Software Engineer, Information Security 2022-2025

Technical Lead – Developer Team. Designed, developed, and documented architecture, design, process, operational

instructions, and code for supply chain cybersecurity applications deployed in Kubernetes CI/CD pipeline. Ensured

organizational technology and vulnerability compliance. Coordinated developer maintenance and training roadmaps.

Interviewed, evaluated, and onboarded developer candidates. Reviewed and approved developer documents and code.

Trained and mentored junior developers.

- Application Tech Stack: Azure SQL, Python, Spring Boot Java, and React.js (Electrode) on Kubernetes CI/CD pipeline.
- Implemented application build and deployment changes to increase application cloud efficiency by 45%.
- Designed and implemented backend changes to increase cybersecurity hygiene data source consumption by 300%.
- Consulted on Global Tech Academy Developer Bootcamp training content and delivery.
- Migrated traditional server-based backend application to run through Kubernetes cronjobs.

RAYTHEON TECHNOLOGIES

Remote: Merrimack, New Hampshire

Cyber Solutions Design Engineer with Honors 2021-2022

Developed, evaluated, and automated cyber solution reference designs aligned with team reference architecture.

Coordinated deployment and sustainment on defense contract program information systems. Mentored System

Administrators.

- Merged heritage business storage encryption implementations into standard, company-wide best practice.
- Designed and deployed leadership-approved PowerApps enhanced SharePoint reference architecture/design repository.
- Consulted on hardened configuration management baselines for Windows desktop/servers.
- Enhanced and delivered quantitative business value reporting training.

RAYTHEON TECHNOLOGIES

Remote: Merrimack, New Hampshire

Cyber Solutions Design Architect with Honors 2021

Developed and evaluated cyber solution reference architectures. Modernized aging defense contract program information

system architectures to reduce technical debt. Established and applied technology standards, processes, and governance.

- Developed leadership-approved standard for publishing reference architecture artifacts.
- Developed Enterprise Data Protection solution reference architecture.
- Represented architecture team in enterprise change review board.
- Delivered standard role-based access control (RBAC) solution for managing access to Windows Event Logs.

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RAYTHEON TECHNOLOGIES

Tewksbury, Massachusetts and Remote: Merrimack, New Hampshire

Cyber Solutions Design Engineer with Honors 2017-2021

Developed, evaluated, and automated cyber solution reference designs aligned with team reference architecture. Coordinated deployment and sustainment on defense contract program information systems. Mentored System Administrators.

- Designed portable virtual system for delivering cyber defense tools to smaller networks.
- CIO Award for automated NIST RMF compliant hardening automation for Windows and Linux systems.

RAYTHEON TECHNOLOGIES

Tewksbury, Massachusetts

Information Systems Security Manager 2016-2017

Co-led cross-business Security Working Group to ensure Risk Management Framework compliance on defense contract program information systems. Evaluated and selected security relevant designs, tools, configurations, and processes.

- Developed organization Security Control Traceability Matrix (SCTM) and Plan of Actions & Milestones (POAM).
- Delivered NIST RMF AC-2 compliant automation for disabling inactive user accounts.

RAYTHEON TECHNOLOGIES

Tewksbury, Massachusetts

DevOps Engineer with Honors 2013-2016

Designed secure, standard, automated Infrastructure as a Service (IaaS) solutions for defense contract program information systems. Business contact for Microsoft incident escalation.

- CIO Award for VMware vRealize Automation for hybrid/private cloud deployment service.
- Developed managed platform deployment using VMware vSphere, Chef Software, Cobbler, and Microsoft MDT.

ADDITIONAL EXPERIENCE

RAYTHEON TECHNOLOGIES, Woburn, Massachusetts, **System Administrator with Honors**, 2007-2013. Standardized, secured, integrated, implemented, and maintained technologically diverse defense contract program information systems.

MARSH & MCLENNAN COMPANIES, Franklin, Massachusetts, **Windows System Administrator**, 2007. Standardized and maintained Microsoft Windows Server centric data center. Maintained VBScript automation suite. Developed support documentation and training for Tier 1 & 2 Operations.

RAYTHEON TECHNOLOGIES, Woburn, Massachusetts, **System Administrator**, 2006-2007. Secured, implemented, and maintained technologically diverse defense contract program information systems.

HEWLETT-PACKARD (formerly COMPAQ COMPUTER CORPORATION, DIGITAL EQUIPMENT CORPORATION), **Various Roles**, 1996-2005.

- HEWLETT-PACKARD, Littleton, Massachusetts, **Senior Infrastructure Administrator**, 2002-2005. Developed and implemented technical solutions from architectural requirements. Transitioned solution sustainment to operations team.
- COMPAQ COMPUTER CORPORATION, Littleton, Massachusetts, **Infrastructure Administrator**, 1998-2002. Maintained Compaq's global core infrastructure services. Migrated infrastructure services to global data centers.
- DIGITAL EQUIPMENT CORPORATION, Littleton, Massachusetts, **Infrastructure Administrator**, 1996-1998. Maintained Digital's Americas core infrastructure services. Resolved technical incidents.

EDUCATION

BENTLEY UNIVERSITY

Waltham, Massachusetts

B.S., Computer Information Systems (Summa Cum Laude)

CERTIFICATIONS

Certified Cloud Security Professional (CCSP), ISC2 2024

GIAC Certified Enterprise Defender (GCED), SANS Global Information Assurance Certification 2022

Scaled Agile Framework Practitioner (SP), Scaled Agile Framework (SAFe) 2020

DoD Secret Clearance (Expired/Inactive) 2015-2022

Certified Information Systems Security Professional (CISSP), ISC2 2015

DoD Top Secret Clearance (Expired/Inactive) 2008-2015

DoD Secret Clearance (Expired/Inactive) 2006-2008

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PROFESSIONAL DEVELOPMENT

Engineering the Digital Transformation (EDT): White Belt Certification	2024
Advanced System Design: Architecting	2024
Lead 4 Success	2024
SparkAssessor – Interviewer Readiness	2024
SparkTech Summit	2023
Walmart Cloud Native Platform (WCNP) Deep-Dive	2023
Developer Bootcamp	2023
Concord (Walmart Continuous Delivery Server) Deep-Dive	2022
Looper (Continuous Integration Server) Deep-Dive	2022
Advanced Git	2022
Microsoft Azure Administrator (AZ-104)	2022
SANS Advanced Security Essentials-Enterprise Defender (SEC501)	2021
Sparx Enterprise Architect Archimate	2021
Ansible Fundamentals	2021
Advanced Automated Administration with Windows PowerShell (10962)	2021
DevSecOps Fundamentals	2020
Scaled Agile Framework for Teams Practitioner	2020
Architecting Methods Light	2020

HONORS & AWARDS

Walmart Global Tech	Engineering Excellence Award	2024
Walmart Global Tech	InfoSec Digital Disruption Award	2024
Walmart Global Tech	InfoSec Genesis Award	2024
Walmart Global Tech	Making A Difference: Bravo Award	2022
Raytheon Technologies	Key Management Solutions	2021
Raytheon Technologies	Solutions Catalog Standup	2021
Raytheon Technologies	Vulnerability Scanning Tool Evaluation	2020
Raytheon Technologies	Data At Rest Encryption Guides	2020
Raytheon Technologies	RapidRMF Reference Architecture Delivery	2019
Raytheon Technologies	IDS CIO Award: IDS Cyber Compliance	2019
Raytheon Technologies	IDS Technical Honors Program Award	2018
Raytheon Technologies	IDS CIO Award: Program Resource Center Self-Service Proof of Concept	2017
Raytheon Technologies	DAAPM Project Team: Leading Enterprise RMF Rollout	2016
Raytheon Technologies	RMF Overview to IDS IT Program Execution Team	2016
Raytheon Technologies	IDS CIO Award: Defense Contract Program Work Environment Team	2014
Raytheon Technologies	Proposal Development Center Implementation and Sustainment Team	2013
Raytheon Technologies	IDS Technical Honors Program Award	2012
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