

Mark Stewart

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CYBERSECURITY INFRASTRUCTURE ARCHITECT & THREAT ANALYST

Highly-dynamic and security-conscious executive with a proven track record of developing cutting-edge information security solutions and fortifying enterprise data and systems. Extensive experience in creating and updating views, encompassing IT assets, attack surfaces, and emerging threat actors. Demonstrated authority across application, network, and cloud to shape security architectures.

Instrumental in pioneering research-driven innovations, driving the design of enterprise technologies, architectures, and security products that elevate data protection standards. Applied analytical prowess to assess business impact amid evolving security threats, which resulted in the development of robust information security strategies and architectures.

Core Competencies

Team Leadership & Development | Cybersecurity Plans Execution | Infrastructure Design & Supervision | Threat Modeling & Reduction | Risk Assessment & Mitigation | Quality Compliance & Control | Security Initiative Implementation | Intrusion Detection | Malware Analysis | Vulnerability Evaluation | Cross-Functional Collaborations | Issues Resolution

PROFESSIONAL EXPERIENCE

DISH Network | 2021 – 2023

Cybersecurity Architect | Denver, CO

Developed and applied cutting-edge 5G cybersecurity solutions within the AWS cloud environment, wireless core, and RAN infrastructures. Crafted authoritative security guidelines and best practices for edge computing in 5G networks while ensuring robust protection against evolving threats.

- Demonstrated a profound understanding of compliance regulations by utilizing NIST, ISO, CIS, DFARS (800-171), CMMC, CPNI, PII, and CCPA in alignment with stringent security requirements.
- Pioneered the development and implementation of GRC frameworks to establish a systematic approach in risk management and regulatory adherence.
- Formulated robust security strategies, constructed threat models, and conducted meticulous risk assessments for 5G deployments, in collaboration with cross-functional teams.
- Leveraged deep expertise in 5G wireless architecture, encompassing service-based architecture, slicing and slice isolation, network exposure function, and security principles.

Kaiser Permanente | 2021

Sr. Project Manager | Remote

Directed and coordinated nation-wide initiatives across hundreds of critical components, including imaging systems, medication dispensers, servers, anesthesia delivery systems, patient monitoring devices, and more. Played a pivotal role in administering the implementation of NIST cybersecurity controls and rigorous system patching.

- Showcased expertise in cybersecurity and project management to integrate NIST controls across a dozen healthcare infrastructures as per industry best practices.

United Launch Alliance | 2018 – 2021

Cybersecurity Engineer | Denver, CO

Ensured the alignment of risk mitigation activities with critical business priorities by developing and implementing precision security policies and procedures. Incorporated advanced threat modeling techniques to identify risks and vulnerabilities while conducting organization-wide assessment. Carried out CMMC assessment to strengthen the organization's readiness and meet the stringent compliance requirements of the Department of Defense (DoD).

- Led cyber-security audits and remediation efforts in maintaining adherence to a diverse array of industry standards, including PCI-DSS (100%), NIST SP 800-053, DFARS (800-171) (100%), CNSSI No. 1253 (100%), ISO 27001 (100%), and CMMC (75%).
- Exhibited a proactive approach while harmonizing security solutions seamlessly across all facets of the enterprise to foster a unified and fortified security environment.
- Executed a system security plan through successful implementation to enhance cybersecurity posture.

Charter Communications | 2018

Cybersecurity Engineer | Denver, CO

Created and managed comprehensive remediation efforts through the implementation of requisite security measures to fortify the organization's cyber resilience. Aligned program with industry standards, including NIST SP 800-053 and ISO 27001, through the execution of rigorous security assessments, which pinpointed potential vulnerabilities and risks.

- Engineered the cyber-security infrastructure resilience program to enhance the security of customer-facing networks, video platforms, cloud environments, and IT networks.

DC Water | 2015 – 2017

Supply chain Security | Washington, DC

Performed critical responsibilities, including ensuring cloud supplier security, driving extensive training initiatives, establishing application controls, deploying logging/monitoring mechanisms, overseeing roles management, and implementing identity and access management measures.

- Optimized the design and implementation of security controls within the public utility's Cloud/SaaS environment.
- Elevated security posture by safeguarding critical infrastructure and mitigating potential cyber threats.
- Applied a proactive approach to institute best practices and fortify the organization's security framework.

Nextel International Investments | 2013 – 2015

Wireless Engineer | Herndon, VA

Facilitated successful delivery of the 3G (WCDMA) technical specification for multiple wireless carriers operating across South America. Designed and implemented security measures to secure the wireless infrastructure, safeguard sensitive data, and bolster cybersecurity resilience throughout the region.

- Introduced leadership initiatives at NII to drive the development of cutting-edge security standards, protocols, and controls tailored for expansive wireless deployments in Latin America.

ADDITIONAL PROFESSIONAL EXPERIENCE

Instructor-Adjunct Faculty – University of Phoenix

TECHNICAL SKILLS

MS Office Suite | Object Oriented Programming (OOP) with VBA | Information Systems | Agile Methodologies

EDUCATION

Master of Science (M.S.) in Telecommunication – Daniels College of Business, University of Denver

Bachelor of Science (B.S.) in Business Administration – Kennedy-Western University

Bachelor of Science (B.S.) in Information Systems – Brigham Young University

CERTIFICATIONS

Certified Information Systems Security Professional (CISSP) – ISC2

Project Management Professional (PMP) – Project Management Institute

CMMC Registered Practitioner (PR) – CMMC AB

Certified Information Systems Auditor (CISA) ISACA

Systems Security Certified Practitioner (SSCP) – ISC2

AWS Certified Cloud Practitioner (ACCP) – Amazon Web Services

Certified GRC Auditor, Certified GRC Professional (GRCP) – OCEG

Scrum Master Accredited Certification – International Scrum Institute

Certificate Project Leadership – Cornell University

PUBLICATION

The Quantum Advantage – Blackhall

Mark Stewart

- Parker, CO, US

Contact Information

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Work History

Total Work Experience: 5 years

- **Cybersecurity** Archiect Mark B Stewart Consulting
Jan 01, 2018

Education

- **Masters** | University of Denver

Skills

- **cybersecurity architect** - 10 years
- **cybersecuriy compliance** - 7 years
- **cisa** - 5 years
- **cissp certification** - 5 years
- **grca** - 5 years
- **grcp** - 5 years
- **pmp** - 5 years
- **sscp** - 5 years
- **aws cloud** - 2 years
- **project management** - 20 years

Work Preferences

- Likely to Switch: True
- Willing to Relocate: False
- Travel Preference: 25%
- Work Authorization:
 - US
- Work Documents:
 - US Citizen
- Security Clearance: False
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp
 - Contract - Independent
 - Contract - W2

Profile Sources

- Dice:
<https://www.dice.com/employer/talent/profile/33110eb516437cffad9ee530078f7b42>