Jeremiah Pegues

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Cybersecurity and Data Protection Manager

Executive Summary

Dynamic and visionary Security Management Professional transitioning from a Senior Security Consultant role to an executive leadership position, with a strategic focus on cloud security and data protection. Passionate about fostering innovation and driving strategic initiatives to enhance security posture within the financial sector. Demonstrates a proven ability to lead and inspire cross-functional teams in the design, development, and implementation of robust cloud security solutions. Skilled in navigating complex compliance landscapes, including GDPR, HIPAA, and PCI DSS, ensuring adherence to industry standards. Holds a B.S. in Computer Science and maintains active certifications across major platforms such as Google Cloud, Azure, Symantec, and AWS, underscoring a commitment to continual professional development and excellence in security management.

Key Skills

Cloud Security • Data Protection • Security & Cloud Engineering • Governance, Risk, and Compliance (GRC) • Security Information and Event Management (SIEM) • Infrastructure Automation • Application/Software Development • Scripting • Information Security • Business Continuity Planning • Agile Project Management • Technical Documentation

Professional Experience

Capital One Financial Corporation *(Feb 2024 – Present)*
Manager, Data Security—Data Loss Prevention (DLP)

- Spearheaded the deployment of advanced Data Loss Prevention (DLP) controls within diverse SaaS (Software as a Service) and IaaS (Infrastructure as a Service) environments, fortifying information security post-incident. Led a multifaceted team utilizing Agile methodologies to develop and execute a comprehensive strategic plan, conduct detailed risk assessments, and implement cutting-edge DLP tools. Resulted in a significant reduction in unauthorized data access events, thus bolstering cybersecurity posture.

- Performed in-depth technical analysis and created detailed documentation of enterprise-level DLP requirements, pinpointing and rectifying vulnerabilities to enhance compliance with regulatory frameworks such as GDPR and HIPAA by 30%. Coordinated with cross-functional teams using DevOps practices to deliver secure, scalable solutions aligned with business goals, integrating DLP protocols in a manner that improved system scalability by 25%.

- Led an initiative to onboard 24/7 support onto DLP Engineering services, specifically focusing on the Symantec DLP platform. Developed runbooks, playbooks, and triage instructions, which required clear and consistent communication as well as stakeholder buy-in. Through these efforts, engineering resources gained >30% increased resource availability throughout the team.

- Collaborated with IT architects and security engineers to refine the DLP infrastructure following a security audit. By leveraging ITIL best practices, I optimized the existing infrastructure, identifying and implementing strategic upgrades that enhanced operational efficiency and reduced response times by 15%, while optimizing the infrastructure, resulting in a 4x increase in incident processing speed.

- Educated stakeholders on DLP best practices and led the initiatives for platform upgrades and optimization of Symantec DLP solutions. Developed and delivered comprehensive training programs and led technical upgrades, resulting in a 30% increase in stakeholder engagement and technical proficiency.

- Launched a DLP awareness initiative aimed at mitigating data breach risks. Designed and facilitated workshops and informational sessions, employing change management strategies that led to a 43% reduction in data handling errors within a six-month period, thus enhancing organizational data management practices.

AWS ProServe - New York, NY *(Aug 2022 – Present)*
Senior Security Consultant

- Successfully led Fortune 1000 companies in migration to AWS, leveraging a well-architected framework and secure-by-design principles, resulting in secure, scalable, and compliant cloud architectures.

- Modernized and refactored complex, outdated applications using AWS services like Lambda, ECS, and API Gateway, leading to enhanced performance, increased scalability, and reduced operational costs for clients.

- Strengthened clients' security posture by implementing security best practices and utilizing AWS services such as AWS WAF, AWS Shield, and Amazon Inspector, ensuring adherence to compliance frameworks like GDPR, HIPAA, and PCI DSS.

- Developed and executed cost-effective application modernization strategies by analyzing workloads, right-sizing resources, and leveraging EC2 Reserved Instances and Savings Plans, achieving significant cost savings and improved resource utilization for clients.

- Continually enhanced expertise in AWS services, cloud architecture, and security/compliance by staying abreast of industry trends and obtaining relevant certifications, allowing for effective demonstration and implementation of the AWS Well-Architected Framework, PCI/DSS, and GDPR for clients and business partners.

COUNTRY Financial - Minneapolis, MN *(Aug 2017 - Aug 2022)*
Sr. Security Engineer, Endpoint Security Team Lead

- Managed business transformation and maturation projects across security services; analyzed requirements, drivers, and blockers; led solution design and execution in partnership with cross-functional support teams; achieved ~97% and 100% compliance across endpoint workstations and servers, respectively, increasing data loss incident response's efficacy by 400% in 3 years.

- Built strategies for protecting workload across cloud solutions in collaboration with network security/IAM teams; designed a capability matrix to assess the solutions against business requirements; identified interoperability between new and existing strategies within the Azure cloud to minimize the need for 3rd party solutions; reduced budget needs by $320K in over 8 months.

- Identified and mitigated business areas with pervasive risks; devised a framework to evaluate the efficacy of data-in-motion/data-at-rest tools; conducted risk audit and due diligence to devise action plans and estimate needed resources; refined policies and boosted the visibility of data flows/identifiers to secure structured and unstructured data; resolved an audit finding 9 months ahead of the estimated completion date.

- Lead, mentored, and developed a team of 12 members; set clear metrics aligned with the security division's goals; drove team's accountability on compliance progress and achievement through hands-on guidance and consistent coaching; leading cross-division efforts to complete security engineering deliverables ahead of time.

- Produce high-quality security engineering specifications and technical documentation; coordinate with subject matter experts on creating installation, management, remediation, and removal knowledgebase articles as well as incident response strategies and workflows; enabled users to have a better understanding of the architecture and work dynamics of diverse tech solutions.

Werc FTP (Formerly Treauu Inc.) - New York, NY *(Apr 2015 - Nov 2019)*
Product Lead, Wercflow App

- Provided comprehensive analysis of development priorities for an MVP; analyzed competitive landscape and target audience to create scope and requirements for the creation of MVP; ensured MVP's alignment with end-users needs and preferences.

- Defined user stories for effective application development; assessed newly developed features to determine the relative value of backlogs; identified functional and nonfunctional acceptance criteria to ensure the implementation of user stories were consistent with design guidelines, minimizing the overall technical debt during the transition from MVP to v1 release.

- Revamped the integrations between iOS and web applications; migrated key portions of mobile applications from unity framework to Swift and Swift UI, enhancing the native compatibility on iOS when handling large media formats; boosted response time on mobile devices.

- Managed and coordinated SDLC for MVP and Beta releases; utilized agile methodologies to effectively manage risks and ascertain on-time completion; improved functional testing coverage to ~90% per sprint.

- Provided technical leadership and guidance to a team of 9-12 geographically diverse developers; established best practices, habits, and collaborative culture that motivated all team members to follow direction and create commitment; boosted overall team performance and efficiency.

CipherTechs, Inc. - New York, NY *(Aug 2016 - May 2017)*
Security Engineer I

- Facilitated managed service implementations and security upgrades; enforced appropriate security policies in workstations with ePO to drive encryption for optimal data loss prevention; protected 100K+ endpoints.

- Developed agent-less authentication and asset clarification for users from multiple domains sharing the same workspace; created asset clarification policy used to approve, deny or limit a user's network access; enabled corporations to support multiple organizations within a single location while reducing security risks.

- Coordinated the upgrade of McAfee legacy OVSEQ product suite to Endpoint Security 10.5 for 17K+ endpoints; designed a migration path and assessed existing legal policy and server task's compatibility for migration; identified and removed duplicates and all inactive and incompatible policies; enabled the utilization of machine learning and containment capabilities of ENS.

- Identified false negatives from security applications and fine-tuned ESM parsers to deliver highly correlated events; created and integrated custom parsers with existing event definitions to provide UEBA with high accuracy; reduced false positives by >80%.

Werc FTP - New York, NY *(Dec 2014 - May 2015)*
Frontend Developer

- Responsible for designing, coding, maintaining, and enhancing web applications to ensure high-performance functionality and optimize the user experience. Reported to the Project Manager and Product Manager.

Intelepath Group LLC - New York, NY (Jun 2014 - Dec 2014)
Cisco Network Engineer

- Responsible for installing, maintaining, troubleshooting, and upgrading various hardware and software infrastructures to guarantee optimum performance. Reported to the Director of Information Technology and managed 12 network administrators.

Education

Saint John's University, *2014*
Bachelor's of Science, Computer Science

Certifications

- Symantec Data Loss Prevention 15.5
- AWS Certified Solutions Architect Associate
- Certified Information Systems Security Professional
- Certified Cloud Security Professional (CCSP)