CT

CHRISTIAN TILLUMA

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Summary

Accomplished in driving client success with over 25 years of results-oriented experience in the integration of security policies and technical solutions. Proficient in leading cross-functional collaboration and proven track record in crafting risk-based security solutions for comprehensive planning, design, deployment, training, maintenance and support of security and policy frameworks.

Skills

- Management
- Networking
- Cybersecurity
- Security Policy
- Network Security
- SIEM
- Risk Management
- Intrusion Prevention
- Penetration Testing
- Vulnerability Assessment

Work History

Principal Security Architect
InSPa
11/2009 - Current

- Comprehensive integration of Cybersecurity controls with visionary security policies, processes, procedures, and regulations tailored to client risk.
- Customized risk-based security solutions through comprehensive analyses, leveraging a variety of technologies to enhance transparency and compliance and mitigate risk across diverse environments.
- Worked closely with high level business executives to determine their organizational requirements, and communicate appropriate security concepts from a business rather than technical perspective.
- Designed and implemented enterprise policy to improve threat mitigation, incorporating NIST Cyber Security Framework (CSF) 2.0, to ensure ongoing compliance and best practices for immediate and long term remediation of Cybersecurity controls, providing multiple strategies for ideal implementations.
- Utilized organizational requirements to create a detailed Security Architecture, incorporating network and host based access controls through the use of Firewalls and Role Based Access Controls (RBAC), network and host based Intrusion Prevention Systems (IPS), SIEM tools for security awareness, as well as policy based controls and planning, including regular Vulnerability Assessments and Penetration Tests. Implemented the Security Architecture Design, and provided extensive documentation regarding design, controls, plans, and policies.
- Designed long term solutions based on enterprise requirements to provide step by step measures to aid in Enterprise Resource Planning (ERP).
- Evaluated gap differences between target regulation and security framework compliance with actual current organizational security posture. Provided details steps and documentation for remediation to bring infrastructure into compliance.
- Provided life cycle security for the architecture, installation, migration, upgrading, patching, and training of Checkpoint NG and Cisco ASA firewall clusters.
- Architected and implemented host and network IPS (Intrusion Prevention Systems) and SIEM tools to monitor and protect all connected infrastructure equipment.
- Trained clients in the use and management of their firewalls, IPS, and SIEM tools.
- Provided top tier firewall support in the diagnosis, troubleshooting, resolution, and documentation for complex fault tolerant firewall clusters.
- Extensive internal and external vulnerability assessments and penetration tests,

with comprehensive documentation on current state and remediation steps.

- Investigated security incidents providing forensic analysis and root cause analysis to provide appropriate remediation measures.
- Implented VPNs to secure site connections and work from home employees.
- Installed and optimized routers for OSPF, EIGRP, and BGP.
- Designed, implemented, and secured Microsoft and Linux server infrastructures for clients, including VoIP, SMTP, DNS, LDAP, HTTP / Web, Proxy, SQL, and file and storage services.
- Implemented and secured multiple cloud and virtualization systems, including VMware, MAAS, Docker, Kubernates, and custom cloud services.
- Implemented AWS in a hybrid mode, to provide rapid scalability of internet facing services while fully securing sensitive servers and data for use by AWS servers.
- Created cloud based server and security deployments for clients customer facing requirements, implementing in conjunction with onsite and datacenter systems to provide a more secure hybrid configuration to optimize security, fault-tolerance, and availability of all services.
- Improved risk management and operational cyber-resilence for Information Management Security Systems (ISMS) through the use of compliance with ISO-27001 standards. Documented best practices and mitigation options to minimize risk across the enterprise, determining optimal strategies for effective design.
- Conducted SAST white-box and DAST black-box application security reviews.
- Knowledgeable in Basic, Pascal, C, C++, JAVA, PHP and HTML coding as well as Bash and Python Scripting.
- Rapidly resolved a prolonged firewall implementation issue, with a rapid innovative solution after weeks of an outage prior to arrival.
- Provided next-tier consulting and Security Architecture services to aid in enterprise client issues and resolutions.
- Worked with local non-profit, focused on providing translation services to visitors and guests who need emergency services. Created and hosted a website, android application in JAVA, backend database with MariaDB, and middle-ware in PHP to create RESTful APIs, enabling rapid response and tracking to automate and improve users and volunteers experience sand capabilities.
- Provided Cloud Services and migrated to a secure M365 solution.

Senior Sales Engineer
Koolspan | Bethesda, MD, USA
10/2006 - 11/2009

- Facilitated communication as the primary technical liaison between sales, marketing, engineering, support, quality assurance, and network providers.
- Conducted comprehensive competitive analyses, enhancing product awareness and customer satisfaction, collaborating extensively with development teams through the SDLC to ensure high quality design, competitive posture, and secure code.
- Increased sales and market penetration by advising on product design and addressing client operational and security requirements.
- Developed a robust QA platform, collaborating with development teams through the SDLC.
- Conducted SAST and DAST application security reviews for the secure phone product, reviewing code and compiled application and design security for C++, JAVA, and Microsoft SQL to ensure secure deployments.
- Reviewed and tested APIs to ensure secure access without possibilities for elevating privileges.

Senior Security Engineer
True North Solutions | Herndon, VA, USA
04/2003 - 05/2005

- Led global projects, integrating policy, technology, and risk management. Architected and implemented comprehensive security solutions, including infrastructure planning, deployment, training and monitoring.
- Instructed CheckPoint and BlueCoat certification courses.

- Redesigned major Telecom firm's firewall architecture, reducing complexity and increasing security capacity.
- Grew and trained consulting team to provide comprehensive security solutions, including infrastructure planning, deployments, and monitoring

Technical Director
Symantec | Reston, VA, USA
03/2000 - 04/2003

- Tripled the size of the consulting division, providing leadership, guidance, and professional development across the team and related functional groups.
- Conducted comprehensive training on Symantec products for consultants.
- Successfully sold and executed a $16.5 million software contract, ensuring seamless collaboration between parties to ensure client satisfaction.
- Served as the primary liaison, contributing to product enhancements and Symantec's certification process design.
- Led vulnerability assessments and penetration tests for a global payment processor.

Systems Engineer
Network Resources | Chantilly, VA, USA
01/1999 - 03/2000

- Provided comprehensive services for Cisco Networking, Checkpoint Firewalls, Microsoft Servers, Citrix deployments, and both Microsoft and Apple desktops.
- Diversified consulting services, adding three new divisions for network routing, firewall and network security, and Microsoft servers.
- Oversaw product implementations, providing guidance to engineers for more effective deliveries.

MIS Manager
ANS Communications | Reston ,VA, USA
10/1996 - 12/1998

- Managed budget allocations for capital expenses, ensuring effective utilization of resources for project management.
- Utilized milestones and achievements to guide project management, ensuring site-wide satisfaction and successful outcomes.
- Managed and trained staff on internal and external routing, MS Servers, Firewalls, and client workstations.
- Migrated from UNIX to MS Server; file, SMTP, DNS, and access control.

Certifications

- Checkpoint Certified Security Expert (CCSE – NG) – FEB.2004
- Symantec Certified Security Practioner (SCSP) – OCT.2002
- Certified Information System Security Professional (CISSP) – OCT.2000
- Cisco Certified Network Associate (CCNA) – SEP.1999
- Cisco Certified Design Associate (CCDA) – SEP.1999
- Microsoft Certified Systems Engineer (MCSE) – MAY.1999

Languages

English - Native
Spanish - Fluent

Education

George Mason University
Computer Science / Cognitive Psychology / Philosophy of Thought
1991-1993 (Partial Completion)

Langley High School
High School Diploma
1987-1991