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#### **PROFESSIONAL SUMMARY**

Veteran cyber-Security leader with 20+ years of industry experience in large scale security infrastructure development and technologies. Certified information systems and cloud security professional with extensive experience in research, innovation, and technology acquisition of enterprise class advanced security solutions, frameworks, policies, and standards.

#### **EXPERTISE**

| Enterprise Security Architecture | AWS / Azure Cloud Security      | ISO / IT Risk Management        |
|----------------------------------|---------------------------------|---------------------------------|
| API services security            | Compliance – PCI, COBIT, CCPA   | Identity Management             |
| Network security Architecture    | Mobile Security / SSO           | Firewall/WAF/WCF CDN WAF        |
| Hyper converged Infrastructure   | Technical Project Management    | PKI Certificate life cycle mgmt |
| Generative AI platform security  | Platform Security – Linux – Win | SIEM / SEM solutions            |

#### **EMPLOYMENT HISTORY**

# Principal Enterprise Security Architect - Cyber Team Lead - Discount Tire Scottsdale, AZ. Nov 2016 to date

Reports directly to the CTO and CISO as the enterprise security architect, and Information Security Officer. Core focus is assuring the security of the hybrid multi-cloud and services, IT risk management compliance gap analysis, security policies and standards adoption and training and awareness. Technical focus is research, strategy, and innovation of security infrastructure, Identity Management, and solutions engineering, Cloud, data and application security posture management. Threat and vulnerability management Rapid7, Developed and led PCI secure coding training courses. PIM/PAM Remote access

#### **Major Accomplishments include:**

- Developed Enterprise Architecture Review Board (ARB) program.
- Generative AI security standards
- Designed Secure Access Service Edge (SASE), Privileged Access management and Zero Trust network access strategy. Advanced web content filtering, CASB, DLP,
- Deployed Cloud Native App security (CNAPP) (Prisma Cloud) Twistlock for AWS and Azure
- Designed and deployed Application security program DEVSECOPS/Shiftleft, Iac, SCA, Repo Scanning, SAST DAST, (Shiftleft, Container runtime program
- Developed enterprise API security program.
- Designed and deployed private AWS Enterprise Splunk SIEM
- Designed and deployed managed PKI Certificate Authority and SCEP services (Key Factor)
- Deployed enterprise-wide advanced security Wi-Fi access WPA3 EAP-TLS
- Developed enterprise Wireless Mobility security and, Internet of Things (IOT) architecture.
- Developed and deployed Device Trust / digital Identity to all DT assets. For MTLS and
- Developed enterprise Mobile SSO architecture (Blue Fletch, Workspace One)
- Managed and deployed Infoblox IPAM

## Enterprise Security Architect - Silicon Valley Bank - Tempe Arizona.

Sept2014 to Nov 2016.

Senior member of the Enterprise Security team responsible for the assurance of Silicon Valley Bank's global network, financial processing infrastructures, and hybrid cloud services .Primary responsible were security strategy & roadmaps research and development, technology adoption, AWS cloud infrastructure and solutions engineering and design of enterprise security infrastructures; IP and WAF Firewalls, Intrusion Prevention Systems, Ping Identity, APIgee Gateway security, Data Loss Prevention, and SIEM / Splunk security analytics platform

Accomplishments include s. Developed enterprise IT risk management program with LockPath GRC platform. Splunk and zScaler Performed security architecture, application, and logical and physical security assessments. Business continuance planning, business impact assessment, and BCP exercises. International on-site security assessments of off-shore development and support teams.

### Sr Security Engineer - Universal Technical Institute - Scottsdale Arizona.

Sept 2013 to Nov 2014

Primary responsibilities were the development and management of UTI's enterprise security programs. Managed Risk management program PCI, and SOX compliance efforts, infrastructure, and Cloud security engineering. deployment of enterprise centralized logging, SIEM (Q-Radar), zScaler Advanced Web proxy and enterprise patch, and vulnerability management programs,

#### Principal Information Security Architect - Apollo Group, Phoenix, Arizona.

Feb 2012 to Sept 2013

Primary responsibilities involve the security architecture and engineering of the University of Phoenix (Apollo Group) on-line educational systems infrastructure and application security.

Accomplishments include design and deployment of Hyper-converged V-Block VCE 700 Virtualization, Enterprise BlueCoat load balanced proxy farm, Infoblox Secure DNS, SDLC CI/CD security integration,

### Director of Information Security - Limelight Networks Tempe Arizona.

Aug 2008 to Aug 2011

Responsible for the security Limelight Network's corporate and global Content Delivery Networks. Designed and deployed an Enterprise Security Program based on ISO27001-2 security framework and included policy, risk management and business continuance / disaster recovery solutions. Core duties: Security consulting, security infrastructure development, systems and network engineering.

#### Wells Fargo 8/16/99 to 08/2008

### Information Security Architect (Information Security Architecture Team)

Responsibilities were the Architecture and design of continuous availability Internet banking, financial processing systems, and corporate IT infrastructures. Primary focus was security consulting, compliance, and risk management.

Summary of responsibilities and accomplishments:

- Designed and deployed the enterprise Managed File Transmission (MFT)
- Security consulting Solutions engineering, security assessments, Vendor and site reviews. Vulnerability assessments (WebInspect, Nessus), penetration testing
- Compliance: Policy and control development, eGRC Archer, gap analysis on PCI-DSS, FFIEC, Gramm Leach Bliley.

# **Education, Degrees, Certifications, Awards:**

- DeVry University Phoenix Arizona. Associate of Science Degree in Electronics Engineering Technology ASEET. Presidents List. GPA 4.0/4.0
- Certified Cloud Security Professional CCSP #79107
- Certified Information Systems Security Professional CISSP #79107
- Discount Tire Nominated for IT Employee of the year in 2020. 2023
- C Programming
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- C Programming
- Hewlett Packard certified Unix consultant and Network Engineer.
- Received over ten "Service Excellence" awards from Wells Fargo management teams.
- Received multiple commendations from the Arizona Maricopa County Attorney (Rick Romley) for tools and consulting Internet crime investigation.
- Novell certified Unixware instructor (CNI) certification
- SCO Unix/Xenix ACE certification