SEASONED TECHNOLOGY LEADER AND INFRASTRUCTURE EXPERT

- Guru. 22+ years' experience running managed services, security, cloud, and product engineering organizations.
- Innovator. Passionate about infusing infrastructures with forward-thinking technology systems.
- Value generator. Consistent in driving business results through exceptional teamwork and effective processes.
- **Diplomat.** Adept at navigating and communicating through mergers, acquisitions, and re-organizations.
- Champion. Committed to company progress, lifelong learning, and meaningful business change.

PROFESSIONAL EXPERIENCE

CenturyLink (previously SAVVIS, Cable & Wireless, and Exodus Communications) Senior Manager, Security & Cloud Systems Engineering

2014-present

Recognized as the leader and voice of technical authority in Security Engineering team. Key accomplishments:

- Led a fully remote team through successful delivery of new and innovative security services to Fortune 500 companies, scaling from the first install to well over 2000 customers.
- Implemented Agile methodology across all cloud security product development teams.
- Deployed cloud and physical security products to ensure efficient and transformative product/service roadmap.
- Guided teams through frequently cumbersome customer projects on time, on target, and on budget.
- Ensured all security product design and feature development fulfilled customer needs while demonstrating financial viability.
- Liaised with other IT, development, and security groups to achieve cohesive product delivery and superior customer service.
- Maintained current and dynamic technical expertise while leading a team.
- Designed secure infrastructure and APIs deployed on public and private cloud platforms (AWS, DigitalOcean, Heroku, vCloud Director, CenturyLink Cloud).
- Moved security workloads to containers (Docker, Swarm) while taking advantage of Ansible automation.
- Designed security products (vPAN) to take advantage of hybrid IT environments. Dedicated HW for security management infrastructure with virtualized security gateways for large scale deployment.
- Created load-balanced, geographically diverse security infrastructure for efficient and fault-tolerant recovery.
- Communicated persuasively to win C-level support for a variety of teams, technologies, and personnel.
- Created policies and gathered audit evidence for SOC 2 and PCI DSS audits. Attained and retained report on compliance certification for PCI on our most highly used security services.

Senior Director, Security Product Architecture

Chief architect of advanced security products that enhanced the company's dedicated host and cloud managed security service portfolios. These managed services protect billions of dollars in customer assets and are responsible for generating around \$32M in annual customer sales. Key accomplishments:

- Outlined product roadmaps, guided technical direction of the security organization, and led the implementation of all security products and services.
- Directed and monitored the complete protection of approximately 1,500 customer sites across 30+ global data centers, including multi-layer security architecture and policy design, incident response, detailed security auditing, threat detection, and risk & vulnerability assessments.

2008 - 2014

- Acted as final escalation point for all technical and security issues in the department. Served as liaison to FBI in multiple high-profile attack investigations.
- Obtained and maintained PCI compliance for the firewall and IDS managed services.

Previous Roles within the Organization

- Director, Managed Security Services (under Cable & Wireless and SAVVIS, Inc. 2004-2008)
 Tasked with building new innovation into security services and products—including cloud capabilities—to keep company competitive.
- Director, Security Engineering (under Cable & Wireless, 2001-2004)
 Following a major corporate acquisition, led security engineering team to create new security service portfolio for a much larger customer base.
- Manager, Security Engineering (under Exodus, 1999-2001) Responsible for leading a team of 28 engineers as the company began its foray into the managed security service space.
- Security Engineer (under Exodus, 1998-1999) Implemented and supported a rapidly growing, complex global security infrastructure.

Previous Roles

1997-1998 IT & Network Administration, GeoNet, San Francisco, CA 1996-1997 IT & Network Administration, VeriFone, Internet Commerce Division, Menlo Park, CA

EDUCATION

Stanford University, Palo Alto, CA 1995

BA English Literature. Focus of study also included advanced Mathematics, Chemistry, and Computer Science.

<u>Security Tools</u>	Databases, Services and Tools	Software Platforms and OS
Cisco ASA and FTD, Check Point,	MySQL, Postgres, Apache, Mongo,	VMware, OpenStack, Linux
Palo Alto, Trend Micro Deep Security,	NGINX, PHP, WordPress, Docker,	(RHEL, Debian, Ubuntu), Kali,
ModSecurity, OSSEC, SecurID,	Docker Swarm, Open VPN, github, vim,	Windows, OSX, Solaris, IOS
tcpdump, Wireshark, ssh, nmap,	Ansible, curl, cowsay, Postman, Jupyter,	Languages
Metasploit, mitmproxy, Let's Encrypt,	Postfix, Sendmail, ClamAV, Dovecot,	Python, Perl, Bash, SQL, YAML,
Vault	VirtualBox	XML, json, PowerShell
<u>Cloud Providers</u> AWS (EC2, Lightsail, Route 53, S3, IAM), DigitalOcean, vCloud Director, VMWare, Heroku	<u>Protocols</u> TCP/IP, UDP, ICMP, BGP, OSPF, IPSec, SSL, RADIUS, SMTP, SNMP	<u>Compliance Standards</u> PCI DCC, SOC 2 <u>Collaboration Tools</u> Jira, Confluence, Slack, Teams, irc