

Senior Principal IT System Security Engineer Senior Principal IT System Security Engineer Senior Principal IT System Security Engineer - BAE Systems Manassas, VA Authorized to work in the US for any employer Work Experience Senior Principal IT System Security Engineer BAE Systems - Reston, VA May 2013 to Present Manages, monitors, troubleshoots, designs, deploys, and ensures Cisco NGIPS/NGFW/AMP devices are functioning as securely and efficiently as possible Optimizes Security Analytics (SA)/NetWitness (NW) by designing, implementing, and enhancing the appliances, applications, Storage Area Network (SAN), and the Direct-Attached Capacity (DAC) storage devices Administers, troubleshoots, and makes recommendations on the Secure File Transfer System (SFTS) increasing the security of the system Network Security Analyst ICMA-RC - Washington, DC July 2012 to April 2013 Improved the security posture of the corporation by creating security policies, procedures, and standards that relate to users, applications, and network devices Completed security assessments on all routers, switches, firewalls, wireless devices, and servers to ensure compliance with internal and external audits Effectively analyzed IDS/IPS, HIPS, firewalls, and web proxies to identify, mitigate, and reduce the risk of security threats to the organization Information Security Engineer The World Bank - Washington, DC May 2011 to June 2012 Provided guidance, resolved problems, secured and controlled web traffic; skillfully administering Cisco IronPort Web proxies. Protected the company's network and assets configuring, maintaining, and advising users on the internal and external firewalls. Senior Network Engineer Insight Global - Falls Church, VA November 2010 to May 2011 Hardened various Cisco routers and switches meeting Security Technical Implementation Guide (STIG) compliance; preserving the confidentiality, integrity, and availability of the organization's information Devised test criteria, developed test procedures, installed test equipment; conducted hardware/software, computer code, and software functionality/performance tests validating vendors' proof of concepts Security Operations Center (SOC) Engineer BT Counterpane - Chantilly, VA March 2007 to November 2010 Configured, updated, and troubleshoot over 400 customers Linux based syslog servers safeguarding their networks against Denial of Service (DoS), scanning, spyware, botnets, worms, viruses, buffer overflows, and other attacks Relied upon by all three Tier Engineers, Program Managers, and

Product Managers as the resident expert on syslog servers, IDS's/IPS's, firewalls, policies, procedures, UNIX/Linux operating system commands and scripts

Information Technology Security Consultant BP International - Alexandria, VA August 2006 to March 2007 Developed, documented, and enforced agency-wide IT security policies and procedures that are FISMA, FIPS, OMB, and NIST standards compliant Technical lead responsible for security guidance to internal staff and providing technical input on proposals as they relate to prospective business decisions

Network Security Engineer Long & Foster Real Estate - Fairfax, VA January 2006 to August 2006 Designed, engineered, and implemented Cisco routers, firewalls, and an IDS/IPS resulting in a more fortified Long & Foster web presence

Network Specialist Quest Diagnostics - Chantilly, VA April 2003 to December 2005 Increased company earnings considerably by establishing 150 new peer-to-peer VPN tunnels with hospitals, physicians, and Electronic Data Interchange (EDI) billing clients

Internet Protocol Engineer Sonic Telecom - Chantilly, VA February 2001 to April 2003 Led the first Internet Service Provider (ISP) client implementation: interconnecting a group of remote site Local Area Networks (LANs) to the Sonic Telecom Wide Area Network (WAN)

Technical Architect Sprint E-Solutions - Reston, VA September 1999 to February 2001 Composed network engineering plan using in-depth knowledge of Border Gateway Protocol (BGP) to upgrade bandwidth for a major on-line provider saving Sprint \$1.2 million dollars

Network Operations Center (NOC) Engineer UUNet - Fairfax, VA October 1997 to September 1999 Repaired, monitored, and maintained a 24x7 network environment of 500,000 ports with 40,000 pieces of equipment deployed around the world

Education High school or equivalent Skills Linux, Security, Cisco, Firewalls, Networking, Tcp/ip, Virtualization, Ipv6, Juniper, Lan/wan, Tcp, Vpn, Ids, Ipsec, Ips, Unix, Awk, Sed, Firewall, Intrusion

Additional Information Active Department of Defense (DoD) Secret security clearance 27 years of extensive experience with network devices and networking protocols Served 5+ years in the U.S. Military Strong knowledge of network security; IDS/IPS, firewalls, routers, switches, SSL, Virtual Private Networks (VPN's), web proxies, and application level vulnerabilities Track record of leading security engineering projects; including the network design, installation, implementation, integration, and supporting of local and remote network environments

TECHNICAL SKILLS:

Platforms: Linux UNIX Windows 7, 10, 2008, 2012 R2 Server Mainframe RACF Networking:
LAN/WAN TCP/IP VPN (IPSec and Generic Routing Encapsulation (GRE) Virtualization IPv6
Devices: Cisco Next Generation Intrusion Prevention System/Firewall (NGIPS/NGFW), and
Advanced Malware Protection (AMP) Security Analytics/NetWitness Secure File Transfer System
(SFTS) TippingPoint IDS/IPS Cisco, Juniper Network and Security Manager (NSM), CheckPoint,
Palo Alto/Panorama Firewalls Scripting: Bash Python PERL Regular Expressions VI AWK SED

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