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ROBERT PAVLICK

PROFESSIONAL SUMMARY

Strategic Senior Network Engineer and Technical Lead specializing in complex multi-vendor integration and enterprise LAN/WAN modernization. Proven expertise in bridging disparate networking ecosystems, establishing technology roadmaps, and aligning infrastructure with business objectives. Deep technical authority across Cisco Catalyst 9000 series architecture, advanced SD-WAN, high-density wireless, and architecting seamless interoperability between Cisco, Aruba, Palo Alto, and varied switching environments supporting thousands of endpoints.

CORE COMPETENCIES & TECHNICAL SKILLS

- **Multi-Vendor Integration:** Architecting seamless interoperability between disparate networking ecosystems (Cisco, Aruba, Palo Alto, Extreme, Avaya, Adtran) utilizing standard protocols to enforce unified security, optimize performance, and prevent vendor lock-in.
- **Networking & Routing:** Cisco (Catalyst 9500/9300X, 6500/4500, ISR), Aruba/HPE ProCurve, Extreme Networks, Avaya SPBM, OSPF, BGP, SD-WAN, MPLS, OpenWRT firmware development.
- **Security & Access Control:** Aruba ClearPass (NAC), Palo Alto NGFW, Fortinet, Multi-site VPN Architectures, Zero Trust Segmentation, Cisco ISE fundamentals.
- **Wireless Infrastructure:** Aruba Wireless, Cisco WLC, FortiWireless, High-Density Campus Wi-Fi, RF Tuning, Multi-SSID/BYOD Frameworks.
- **Systems & Infrastructure:** VMware ESXi, Linux System Administration, Bare-Metal Server Management (Hetzner, KVM), Microsoft Azure, Google Cloud Platform (GCP), Windows Server, Active Directory.

EXPERIENCE

Independent Senior Network Consultant (Including Xcelocloud, BobJobs) Cleveland, OH | 2024/02 - Present

- **Enterprise Core & Access Modernization:** Serving as the primary technical advisor for a major multi-site enterprise infrastructure refresh, migrating a legacy Cisco 4500 core to dual Cisco Catalyst 9500 distribution switches in a highly available active/active architecture.
- **Large-Scale Hardware Deployment:** Architecting and deploying 90 Cisco Catalyst 9300X 48-port switches in stack-wide configurations across a distributed footprint, securely supporting thousands of enterprise endpoints.
- **Cross-Platform Access Control Strategy:** Driving enterprise-wide deployments of Aruba ClearPass for rigorous Network Access Control (NAC), executing complex multi-vendor integration between newly installed Aruba

access points and existing Cisco routing architecture to enforce unified device authentication.

- **Security & Standardization:** Executing multi-site Palo Alto network rollouts for retail environments while consistently producing comprehensive as-built documentation and extensive topology diagrams for all client engagements.

Senior Network Engineer *Laketec Communications, Inc.* | 2014/06 – 2020/03

- **Strategic Revenue Generation:** Authored comprehensive technical network assessments and led pre-sales engineering demonstrations for multi-site Palo Alto NGFW deployments, driving over \$1.5M in infrastructure upgrade revenue (representing over 13% of the MSP's total revenue).
- **Large-Scale Education & Campus Deployments:** Architected and executed secure, high-density wireless and routing infrastructure across 7 multi-school districts and a sprawling 70-villa/14-building campus. Engineered cohesive Aruba/HPE environments utilizing standard VLAN assignments, complex multi-SSID/BYOD frameworks, and ClearPass NAC.
- **Rapid Multi-Vendor Engineering:** Demonstrated advanced cross-platform agility by independently engineering a multi-site Extreme Networks switching solution for a regional charter school system with zero prior vendor training.
- **Complex Interoperability Remediation:** Rescued and successfully completed a stalled migration from Ruckus APs to an Avaya Shortest Path Bridging MAC (SPBM) and FortiWireless environment, deciphering the disparate architectures on the fly and executing a seamless multi-vendor cutover.

Engineer – Network Planning and Architecture *Continental Broadband dba. Expedient, LLC* | 2013/09 – 2014/02

- **Data Center Core Operations:** Managed comprehensive network operations across 10 geographically dispersed data centers as part of an elite 3-person engineering team.
- **Backbone Architecture:** Supported and maintained a resilient 10Gb east-west fiber backbone, overseeing the full infrastructure stack from Juniper top-of-rack access switches up to robust Cisco 6513 core deployments.

Network Engineering Consultant *LanWan Solutions dba. Integrated Network Concepts* | 2007/11 – 2012/03

- **Resilient Enterprise WAN:** Engineered a highly resilient multi-site routing solution across 90 retail locations, deploying Cisco architectures with automated VPN-to-dialup failover to ensure maximum uptime for thousands of endpoints.
- **Operational Technology (OT) Integration:** Directed comprehensive Cisco wireless rollouts across 68 distributed retail branches and massive warehouse facilities, performing advanced RF tuning to ensure flawless connectivity for Symbol wireless inventory scanners.
- **Unified Communications Leadership:** Acted as the lead Voice and Wireless Engineer for large-scale enterprise deployments, specializing in extensive Cisco Unity and CUE integrations.

IT Consultant Nice S.p.A. | 2006/05 - 2007/09

- Primary information technology consultant for the Midwest sales division, specializing in remote troubleshooting, user node repair, and decentralized network support.

CERTIFICATIONS

- Aruba Certified Switching Associate (2017)
- HP Enterprise ATP - Flexnetwork Solutions (2016)
- Palo Alto Networks Accredited Configuration Engineer (2016, 2014)
- Aruba Certified Mobility Professional (2015)
- Cisco Certified Network Associate (CCNA) (2008) - *Also held advanced specializations in Wireless, Design (CCDA), and IP Communications Express.*