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# JOE MAIMON

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## PROFESSIONAL SUMMARY

**Accomplished Network & Systems Engineer** with nearly 30 years of experience designing, securing, and optimizing mission-critical infrastructures. Expert in **Systems Integration**, **Network Security**, and **Advanced Routing/Switching**. Proven track record of mastering complex legacy and cutting-edge technologies at an accelerated pace. Specialized in delivering high-performance solutions for **ISPs, MSPs, and VARs** integrating connectivity, networking, security along with **Windows and Linux** environments.

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## TECHNICAL SKILLS

- **Networking & Routing:** BGP, OSPF, EIGRP, MPLS, VXLAN, Layer 2/3 Switching, VLANs, STP.
  - **Security:** IPSec, SSL VPNs, Firewall Administration, Network Access Control (NAC).
  - **Systems:** Debian GNU/Linux, Windows Server, Active Directory, MySQL, SQL.
  - **Virtualization/Cloud:** VMware, Hyper-V, KVM/QEMU, Hybrid Cloud Architecture.
  - **Development & Automation:** C Programming, Shell Scripting, GNU/Linux Patchsets, Shell App Development.
  - **Telecommunications:** VoIP, PBX (Asterisk, Artisoft Tele vantage), 56K - Ethernet-based Telecom.
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## PROFESSIONAL EXPERIENCE

### DIRECTOR OF TECHNOLOGY | DIAD Networks LLC, New York, NY | 2020 – 2024

- Designed high-performance network architectures, prioritizing scalability and advanced security.
- Managed cross-platform environments, integrating **Windows and Debian Linux** systems for seamless service.
- Automated network management via **Shell application development**, reducing manual overhead and improving monitoring accuracy.
- Operated ISP/MSP network.

## **CONSULTING ENGINEER | Broadwan, Lakewood, NJ | 2007 – 2020**

- Redesigned and optimized service provider networks to accommodate emerging technologies.
- Integrated **VoIP and Ethernet-based PBX** systems into existing IP networks to modernize communication stacks.

## **SENIOR NETWORK ENGINEER | The Tri-Tech Group, New York, NY | 1999 – 2010**

- Led large-scale network deployments for enterprise clients using **Cisco** routers and switches..
- Optimized network operations through expert administration of **Windows and Debian** environments.
- Operated ISP/MSP network.

## **CONSULTANT (VARIOUS ASSIGNMENTS) | 2000 – 2020**

- **Vandis:** Deployed and managed multi-vendor hardware solutions for custom network infrastructures.
- **EWC:** Provided full-lifecycle network design and maintenance for diverse project scales.
- **Marsh & McLennan / CHL Inc:** Delivered tailored security and reliable network operations for high-stakes environments.

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## **CORE STRENGTHS**

- **Rapid Technology Mastery:** Ability to achieve expert-level proficiency in any technology (legacy or modern) in record time.
- **Cross-Vendor Expertise:** Solutions-oriented approach that leverages the best tools across multiple vendors rather than a single product line.
- **Systems Integration:** Deep expertise in the "plumbing" of a network—connecting hardware, software, and telecom into a unified system.

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## **EDUCATION & REFERENCES**

- **References:** Available upon request.
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