H. MICHAEL SMITH, JR.

TECHNICAL LEADERSHIP · INFRASTRUCTURE · ARCHITECTURE

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PROFESSIONAL PROFILE

Technical leader and infrastructure professional with approximately 30 years across enterprise networking, security, architecture, engineering management, professional services, solutions work, and automation. Combines hands-on technical depth with people leadership, cross-functional coordination, and operational judgment, translating complex technical conditions into clear priorities, practical execution, and durable team capability.

LEADERSHIP THROUGH-LINE

Leadership and architecture roles include Installation Engineering Manager, Network Services & Security Manager, Lead Network Engineer, Network Architect, Development Architect, Solutions Architect, and senior technical positions spanning operations and customer delivery.

AREAS OF DEPTH

Technical leadership & engineering management · Network & security architecture · Cross-functional delivery
Infrastructure automation & operational platforms · Professional services & customer delivery · Production change & troubleshooting
Cisco, Palo Alto, F5, Aruba, Cloudflare · WAN/BGP, VPN & DNS · Python, APIs, monitoring & systems integration

PROFESSIONAL EXPERIENCE

Millennium Information Tek / GSCCCA — Jun 2025-Present
Senior Network Engineer | Embedded with GSCCCA

- Lead enterprise network and security engineering across Palo Alto, Cisco routing/switching, F5, WAN/BGP, VPN, DNS, and infrastructure modernization.
- Conceived and lead Network Authority, an internal network automation and operational intelligence platform, across architecture, development, integrations, and operational refinement.
- Work across network, systems, development, project, and business stakeholders to translate operational needs into practical technical and workflow improvements.

Landis+Gyr — Oct 2023-Mar 2025
Lead Network Engineer

- Provided hands-on technical leadership to junior and mid-level engineers while executing production changes and resolving business-impacting infrastructure issues.
- Worked across Cisco routing/switching, Palo Alto/Panorama, F5 BIG-IP/BIG-IQ/GTM, Terraform, Google Cloud, DNS, and Cisco ISE.

Lockstep Technology Group — Jul 2019-Oct 2023
Senior Network Engineer

- Delivered network and security consulting for K-12, higher education, and state/local government customers, including design, migration, implementation, and managed-service escalation work.
- Combined hands-on engineering with customer communication and technical ownership across Palo Alto, network access control, wireless, and Cisco ASA migration work.

GE Digital — Mar 2017-Jul 2019
Staff Network Operations Engineer

- Supported data-center and remote-LAN operations across multi-vendor networks; used Python with Infoblox NetMRI for automation.
- Applied ThousandEyes, CA Spectrum, and Splunk to troubleshooting, service visibility, and operational analysis.

Hewlett-Packard / HPE — Aug 2013-Mar 2017
Technical Solutions Consultant IV; Automation Platform Architect

- Delivered top-tier HP/HPE networking support through the HPE split and Aruba acquisition, expanding into Aruba wireless, AirWave, IMC, and related technologies.
- Selected for a 2,000+ store Home Depot rollout and ultimately assigned full-time at the customer's technology center to address cross-program operational issues.
- Designed and built Change Management Looking Glass (CMLG), a Python/Flask/MySQL platform used in cross-organizational program reviews and post-deployment validation.

PROFESSIONAL EXPERIENCE | LEADERSHIP, ARCHITECTURE & DELIVERY

EdgeCast Networks 2012-2013

Senior Sales Engineer

- Supported five account executives in a quota-bearing CDN sales environment, leading discovery and hands-on POCs and carrying won engagements through integration, onboarding, and support handoff.

Level 3 Communications 2011-2012

Senior Solutions Architect, CDN & Media

- Served as CDN/media overlay architect for large enterprise accounts; owned solution design, technical proposals, presentations, pricing input, and integration with adjacent Level 3 services.

Internap Network Services 2005-2011

Installation Engineering Manager · Network Architect · Development Architect · Solutions Architect

- Installation Engineering Manager - Managed six engineers across U.S. time zones with full people-management responsibility and customer delivery from order through turn-up and NOC handoff; created live operational reporting across tickets, escalations, shipping, and workflow.
- Network Architect / Development Architect - Contributed to architecture standards and product/service development across Internap's IP/CDN platforms, leading assigned initiatives including TCP/SSL acceleration and a video-focused CDN origin POP in Mumbai.
- Solutions Architect - Served as deep technical escalation for SEs and end-to-end owner of professional-services opportunities, including discovery, SOW/LOE/pricing, design, implementation, support, and account expansion.

Clark Atlanta University 2002-2005

Network Services & Security Manager

- Established and managed a network and information-security services group, including staff, policies, business processes, budgets, contracts, and university networking/security.

EARLIER EXPERIENCE

1995-2002: Network Services & Security Manager, Allconnect; technical consultant, MXN; contract Tier-3 network engineering, Microsoft; LAN support, IBM / 1996 Olympic Games; technician, NCR.

SELECTED AUTHORED SYSTEMS

Network Authority (2025-present) · Cloud-management API proof of concept (2017) · Change Management Looking Glass / NMS Auditor (2016) · Custom network inventory system (2003) · ATM safe one-time combination distribution system (1999)

HISTORICAL QUALIFICATIONS

CISSP · Cisco CCNP / CCDP · HPE MASE / ASE · Aruba ClearPass / Mobility Professional · Check Point CCSE · Microsoft MCSE / MCT · CompTIA Security+

Historical and expired credentials are included to reflect professional background and the technologies encountered across the career; they are not presented as current certifications.