

H. MICHAEL SMITH, JR.

Senior Network Engineer - Lockstep Technology Group

SOLUTIONS - PRODUCTS - TECHNOLOGIES

Network Design and Deployment - government agency

- Extreme Campus Fabric - Fabric Connect, Fabric Attach, Fabric Extend
- Extreme Access Control - wired and wireless network access control based on MAC- and 802.1x-based authentication
- Extreme VSP/VOSS- and EXOS-based switching
- Extreme Wireless - premise-based, cloud controller

Network Assessment - Disaster Recovery Design - university

- Complex, mixed-vendor environment
- Datacenter and DR site LAN fault-tolerance and fail-over
- WAN / Internet fault-tolerance - routing and traffic engineering

Various

- Cisco ASA to Palo Alto firewall migration; Cisco/HPE ACL development, Extreme (and other vendor) switch design and deployment, ad hoc network troubleshooting

SOFTWARE PROJECTS

2019 - Self-study

network automation with python, html, css, js

2017 - Cloud Mgmt API Proof-of-Concept

Linux, Apache, MySQL, Python, Flask, Aruba Central API

2016 - Change Management Looking Glass (NMS Auditor)

Linux, Apache, MySQL, Python, Flask, Aruba/Cisco APIs

2003 - Custom Network Inventory Management System

MS Access, vbscript, ASP

1999 - ATM Safe One-Time Combination Distribution System

korn shell, SQL (Oracle), TAPI, DTMF, 2-way pagers

1997 - Home Dial-on-Demand Router/Dynamic Hosting Platform

Caldera Linux, BASH, ipchains, sed, awk

CERTIFICATION HISTORY

Extreme Design Specialist - Campus Fabric, Extreme Control, XMC

Aruba Certified Mobility Professional - ACMP

Aruba Certified Clearpass Professional - ACCP

HP MASE - Network Infrastructure

FCC Amateur Radio Operator - Technician Class

Georgia Private Investigator and Security Officer (license inactive)

Certified Information Systems Security Professional - CISSP (expired)

Cisco Certified Network Professional - CCNP (expired)

Cisco Certified Design Professional - CCDP (expired)

Microsoft Certified Systems Engineer - MCSE (expired)

Microsoft Certified Trainer - MCT (expired)

Check Point Certified Security Engineer (expired)

A+ Certified PC Technician

CONTACT DETAILS

678-575-6247

msmith@lockstepgroup.com

linkedin.com/in/hmsjr

FCC: KM4HRF

665 Arnold Road, Lawrenceville, GA 30044

EMPLOYMENT HISTORY

Staff Network Operations Engineer

General Electric Company | Mar 2017 - Jul 2019

- Data Center and Remote LAN Operations

- Cisco IOS, NEXUS-OS, Juniper FWs, Aruba, Meraki, Cisco Wireless networking

- Troubleshooting with ThousandEyes, CA Spectrum, Splunk

- Network Automation with Python on Infoblox NetMRI

Technical Solutions Consultant IV

Network Automation Engineer

Hewlett-Packard Enterprise | Aug 2013- Mar 2017

- HP/HPE Networking Remote Customer Support - Level-2/3

- HP Procurve, HP Comware, MSM (Colubris) Wireless, HPE

Unified Wired/Wireless, Aruba Wireless

- Network automation with python, Aruba Airwave, HPE

Intelligent Management Console (IMC)

Senior Sales Engineer - CDN

EdgeCast Networks | May 2012 - May 2013

- Technical sales support for (5) account managers

- CDN (object caching), Application Acceleration, Streaming Video

- HTTP/TCP Optimization, software integration, customer onboarding and support

Senior Solutions Architect - CDN & Media

Level(3) Communications | Jun 2011- May 2012

- Technical sales overlay for customer-base of content owners and media companies

- CDN (object caching), Application Acceleration, Streaming Video

- HTTP/TCP Optimization, software integration, customer onboarding and support

Network Architect

Installation Engineering Manager

Solutions Architect

Internap Network Services | Apr 2005- May 2011

- Participated in the formation and maintenance of network architecture and operational standards for provider network

- Managed team of network engineers in the provisioning of new IP services, including MPLS and other transport mechanisms

- Advanced BGP Optimization consulting and solution design / delivery

EXTENDED HISTORY

Network Services and Security Manager

Clark Atlanta University | 2002 - 2005

Network Services and Security Manager

Allconnect.com | 2000 - 2002

Technical Consultant

MXN Corporation | 1997 - 1999

PC Technician

IBM | 1996

Summer Olympic Games Venue Network Deployment