

Matt Zweil, CCIE #35553

19046 Bruce B Downs Blvd. #184, Tampa, FL 33647 813.428.2913 mzweil@gmail.com

NETWORK ARCHITECTURE/CCIE/AUTOMATION/HYBRID CLOUD/TEAM LEADER

Overview Experienced technical lead with active CCIE certification and security clearance. Expert-level understanding of Cisco, Arista, and Juniper technologies. Accomplished Automation engineer with strong systems management, cloud computing, programming, Python, C, Ansible and other automation skills. Recent career highlights include:

- Deployed more than two dozen Cisco and Arista Spine and Leaf deployments (evpn-vxlan), from high-level design to hands-on deployment, including datacenter build-out and migration.
- Completed many of the above using automation tools such as Ansible Network Automation.
- Transitioned multiple enterprise datacenters to hybrid cloud environments, including integration with AWS, Azure and Google Cloud.
- Served as senior network architect and a senior point of escalation for AT&T Federal, State/Local Government and Education contracts.

Certifications

Cisco Certified Internetwork Expert, CCIE #35553

CCIE Enterprise Infrastructure (Active)

CCIE Routing & Switching (Retired)

Juniper Certified Internetwork Professional, JNCIP-ENT

Enterprise Routing & Switching

Technical Qualifications and Platform Experience

Expert level understanding of TCP/IP, LAN/WAN and Data Center architecture. Comprehensive understanding of platform and systems design. Superb documentation and standardization skills. Proven team leadership and training abilities. Significant prior management experience. Experienced hands-on engineering and deployment of leading network hardware platforms, including:

Cisco: Cisco Nexus 9300, Cisco Nexus 9500, Cisco Catalyst 8300, Cisco Catalyst 9000, Cisco UCS, Cisco Nexus 5600, and all other iOS, iOS-XR, iOS-XE and NXOS devices.

Juniper: Juniper MX, Juniper PTX, Juniper QFX, Juniper SRX

Arista: Arista 7800, Arista 7500, Arista 7280, Arista 7050/7060

Virtualization: VMWare ESXi, MS Hyper-V

Cloud Computing: AWS, Google Cloud Platform

Automation, Scripting & Programming: Python, Ansible, C, C++, YAML

Education

JD/MA Graduate Coursework

1998-2000

Law / Public Policy Analysis

University of Florida

Gainesville, FL

Bachelor of Arts Degree

1998

Criminology & Substantive Criminal Law

St. Leo College

St. Leo, FL

Experience

Senior Consultant Architect, AT&T

04/2013 - Present

Summary: Currently working as a contract consultant to AT&T FED/SLED Managed Services, and previously sub-contracted under the same contract to Juniper Networks, where I led several large projects for their Verizon Wireless and Comcast accounts. Primary responsibilities include:

- Providing leadership, training and technical guidance during large-scale nationwide upgrades and deployments for Verizon Wireless and Comcast.
- Designing and supporting network deployments for AT&T clients including IRS/Department of Treasury, State of Georgia, and several county-level contracts.
- Developing automation tools in Python, Ansible, or Arista Validate Design, along with best practices and configuration guides for deployment engineers.
- Designing new datacenter deployments, both traditional collapsed core and evpn-vxlan networks, integrating hybrid cloud infrastructure to new and existing data centers.
- Hands-on implementation and deployment of network hardware, software and configuration changes for all the above.

Professional Services Consultant, CDW

04/2013 - 10/2015

Summary: Worked as a consultant for CDW Professional Services, delivering cutting-edge network solutions for enterprise, datacenter, and service provider clients. Primary responsibilities included:

- Subject-matter expert in the area of datacenter design and deployment; particularly focused on the Cisco Nexus series and Cisco UCS converged datacenter infrastructure.
- Solutions delivery, including design, documentation and hands-on installation and configuration of customer datacenter, routing, switching and network security equipment.
- Post-delivery training of client technical teams, and ad hoc support for new/cutting edge network technologies.

Senior Network Architect, Syniverse Technologies, Inc.

03/2010 - 04/2013

Summary: Senior network architect for Syniverse Technologies, a company providing network services to 800+ mobile phone operators world-wide. Daily responsibilities include:

- Technical thought leadership for the network architecture team, including prioritization, delegation, and high-level project management functions.
- Creation of proposed solutions along with estimates for time, materials and cost.
- Lab testing and proof of concept testing for new configuration solutions.
- Development of the global backbone network (NGN).
- Design and deployment of network POPs throughout the world.

Network Engineer II, Century Link

01/2008 - 03/2010

Summary: Responsible for network provisioning, configuration, monitoring and troubleshooting for 4500+ State Agency nodes across a Juniper-based MPLS backbone. Responsibilities included:

- Design and deployment of the North and West Florida Metro-E networks, as well as on-going customer implementations to the same.
 - Provisioning and troubleshooting a variety of WAN technologies, including Metro-Ethernet, MPLS, SONET, Frame Relay and others.
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