

# BRENT LEEKLEY

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## PROFESSIONAL SUMMARY

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CCIE #24221 network architect with 15+ years designing, building, and automating enterprise networks at statewide scale across campus, data center, wireless, and WAN. I turn complex routing, VXLAN-EVPN, and SD-Access designs into zero-downtime migrations, backed by a Python automation practice (Netmiko, PyATS, Batfish, Jinja2) that replaces vendor tooling. U.S. Navy veteran.

## CORE COMPETENCIES

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**Network Architecture:** Data Center (ACI / VXLAN-EVPN) · Campus & SD-Access

Routing: BGP / OSPF / EIGRP / MPLS / RIFT · Cisco ISE / Zero Trust / NAC

**Automation & Platforms:** Python · Ansible · Netmiko · PyATS · Batfish · CML

Nexus / Catalyst / UCS · VMware NSX / vSphere / HCI

Wireless (Catalyst 9800 / Center) · SD-WAN / DMVPN / SASE / SSE

Multi-OEM: Cisco · Juniper · Palo Alto · NVIDIA

NETCONF / RESTCONF · Jinja2 templating · Catalyst Center

AI/ML Networking & GPU Fabric · POC / ATC Lab Design

## PROFESSIONAL EXPERIENCE

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### Regional Principal Solutions Architect

February 2022 – Present

*Trace3 Government (formerly Zivaro) — Denver, CO*

- Architected and led a statewide **70-location Cisco Catalyst hardware refresh** for Colorado OIT, building an offline automation pipeline (Netmiko, Pydantic, Jinja2, Batfish, PyATS) to replace vendor tooling and ensure **zero-downtime** brownfield onboarding into Catalyst Center.
- Designed and delivered large-scale **Cisco Catalyst 9800 wireless migrations** for Colorado state hospital campuses (CDHS), integrating Cisco ISE, Catalyst Center, and third-party systems across multi-vendor deployments.
- Design Cisco-centric reference architectures for campus, data center, wireless, and WAN across public-sector and Fortune 1000 accounts, translating business objectives into validated network designs.
- Lead complex network transformation engagements end to end (design, BOM, migration planning), contributing to a **75% retention improvement** and **~15% client infrastructure cost reduction**.
- Mentor junior engineers and drive thought leadership through technical documentation, design workshops, and vendor partner events.

### Solutions Architect

March 2021 – February 2022

*Marco Technologies, Inc. — St. Cloud, MN*

- Designed a Cisco ISE-as-a-Service solution for a higher-education institution — 802.1X NAC and secure BYOD onboarding across 50+ campus buildings.
- Deployed Palo Alto NGFW with Panorama for a state government agency, unifying security policy enforcement across multiple sites.

## Principal Solutions Architect — Data Center / Enterprise Networking

2014 – 2021

*Crossconnect Engineering, Inc. (Cisco Gold Partner) — Colorado Springs, CO*

- Lead data center and enterprise networking architect for Fortune 500 / S&P 500 clients.
- **VXLAN-EVPN programmable fabric:** greenfield NX-API fabric (Ansible-orchestrated, BGP EVPN control plane, multi-site DCI) for a Fortune 500 electronics company.
- **Cisco ACI:** greenfield ACI fabric with UCS compute and NetApp all-flash for an S&P 500 real-estate trust, from architecture through production cutover.
- **Hyperconverged:** Cisco UCS HyperFlex across a primary DC and 20+ ROBO sites.

## Post-Sales Implementation Engineer / Network Consultant

2012 – 2014

*ISC Inc. (now Venture Technologies) — Englewood, CO*

- Designed enterprise routing and Cisco UCS data center solutions for public-sector clients (Nexus 7K/5K/2K, UCS Fabric Interconnects, Catalyst 6500).
- Led DC migration with Cisco Nexus + EMC VMAX + OTV for the nation's largest emergency air-medical provider.
- Designed perimeter security, remote-access VPN, and internet WAN (ASA, IKEv2, DMVPN); coordinated ARIN BGP ASN and IPv4/IPv6 PI allocations.

## Network Engineer / Consultant

2007 – 2012

*IntelePeer · Long View Systems · Cricket Communications · Qwest — Denver, CO*

- MPLS VPN transport for Colorado state agencies, including the State Capitol LAN modernization (IOS-XR 9000, L2/L3 VPNs).
- Converged MPLS campus/service-provider design for Denver International Airport (NOC ops, IP multicast, IGP/BGP).
- IPv6 deployment scoping for Cricket's enterprise core (LTE markets); Tier-3 support for a 1,500-node MPLS network across 350+ sites.

## Information Systems Technician (IT2)

U.S. Navy

*Honorably Discharged — network communications, radio, and classified information systems*

## CERTIFICATIONS

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- Cisco Certified Internetwork Expert (CCIE) — Enterprise Infrastructure #24221
- Cisco Certified Internetwork Expert (CCIE) — Automation (*in progress*)
- Cisco Certified Network Professional (CCNP) — Enterprise
- Cisco Certified Network Professional (CCNP) — Data Center
- Cisco Certified Specialist — Enterprise Core
- Full list and verification at [linkedin.com/in/brent-leekley](https://www.linkedin.com/in/brent-leekley)

## EDUCATION

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B.A. Liberal Arts — Regis University