



Daniel Fonque

TELECOMMUNICATIONS ENGINEER

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📍 Bucaramanga, CO, Colombia

Summary

Senior Network Engineer with experience in Service Provider and Enterprise environments, focused on network architecture, routing, security, and scalable network solutions. Experienced with MPLS, SD-WAN, and multi-vendor technologies including Cisco, Juniper, and Fortinet. Strong background in network design, troubleshooting, and continuous learning to strengthen both technical and architectural skills

Skills

Network
Architecture &
Design

Security
Architecture &
Design

AWS Networking &
Cloud Design

SD-WAN (Fortinet &
Cisco)

Network Automation
(Python, Ansible)

Troubleshooting

Team Collaboration

Experience

Network Consulting Engineer

Entelgy - Telefonica Global Project

Present

Bucaramanga, Colombia

- Provide L2/L3, MPLS VPN, and SD-WAN service validation, troubleshooting, and network design for multi-tenant customers across North America, Latin America, Europe, Africa, and Asia
- Acted as Project Lead for the Santander USA SD-WAN deployment, coordinating implementation activities, migration support, troubleshooting, and customer follow-up using FortiGate and FortiManager solutions
- Interface with customers and internal engineering teams to resolve provisioning, routing, and access issues on PE and CPE devices, working with Cisco IOS XR, Juniper, Fortinet, and Meraki platforms
- Validate and troubleshoot L2VPN and L3VPN services, ensuring end-to-end connectivity, service readiness, and operational stability in Service Provider environments.
- Contribute to network architecture and service design by translating customer requirements into implementation-ready configurations, validation plans, HLD/LLD inputs, and deployment templates
- Configure, validate, and troubleshoot SD-WAN policies and routing across FortiManager, FortiGate, and Cisco SD-WAN, ensuring proper path selection, segmentation, and service delivery.
- Configure and validate BGP routing between PE and CPE devices, guaranteeing correct route propagation, customer reachability, and successful service activation.

Senior Network Engineer

Majorel (TP)

Apr 2021 - Apr 2025

Bucaramanga, Colombia

- Supported enterprise environments across South America and EMEA as a Global Network Engineer, participating in large-scale networking, cloud, and security projects.
- Designed and supported WAN/LAN, routing, security, and cloud connectivity architectures using Cisco, Fortinet, Check Point, Sophos, and Cisco Wireless solutions.
- Participated in AWS networking projects including VPC design, Transit Gateway connectivity, and hybrid cloud integration between on-premises and cloud environments.
- Configured and managed Next-Generation Firewall platforms including FortiGate, Check Point, and Sophos, implementing security policies, segmentation, IPsec, SSL VPN, SAML, SSO, and secure remote access solutions

Certifications

- CCNP-SP
- JNCIP-SP
- IPV6-CNE
- NSE-4
- HCIA
- ACDA

Interests

- Swimming
- Video Games
- Music
- Read books
- Gym

Portfolio

GitHub

[GitHub - Daniel](#)

Website

[Web - Daniel](#)

Senior Network Engineer

GTS

Feb 2020 - Mar 2021

Bogota, Colombia

- Led networking and infrastructure projects for government and enterprise environments in Colombia, including organizations such as the Colombian Air Force, Army Command, and ICBF, coordinating teams of 3-4 engineers during implementation and operational phases
- Designed, implemented, and troubleshoot LAN/WAN solutions using Aruba routing, switching, and wireless technologies, ensuring operational stability and successful production deployments
- Provided operational support and troubleshooting for routing protocols including OSPF, BGP, RIP, and GRE, as well as connectivity technologies such as NAT, IPv6, HSRP, DHCP, and route redistribution
- Contributed to network design improvements, implementation planning, validation procedures, and rollout activities for enterprise infrastructures
- Performed vulnerability assessments and basic penetration testing activities to identify security weaknesses and improve infrastructure protection

Support Engineer

AxURE Technologies

Feb 2017 - Mar 2019

Bogota, Colombia

- Provided technical and field support for oil and energy sector projects across Colombia, focusing on connectivity troubleshooting, wireless solutions, and satellite communications environments
- Participated in the implementation and support of C-band and Ku-band satellite solutions, ensuring service availability and operational continuity in remote locations
- Supported wireless connectivity solutions using Ubiquiti technologies, performing troubleshooting, configuration, and operational validation for field deployments.
- Performed root cause analysis for connectivity and service-related issues, documenting incidents, resolutions, and technical procedures for operational tracking and future reference
- Collaborated with customers and internal teams to provide timely technical support, issue resolution, and service follow-up activities

Education

Telecommunication Engineering - Bachelor's Degree

UNAD

2013 - 2019 Bogota, Colombia