Alberto Jose Gonzalez Escalante

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Cloud Network Engineer with experience designing and managing multi-vendor environments, architecting and provisioning cloud platform services and providing technical support to data center and corporate infrastructure

Experience

Network and DevOps Engineer
appliedAI Initiative

July 2022 – present
Munich, Germany

Responsible for managing the organization's on-prem and cloud IT infrastructure, leading the development and implementation of IT solutions, technologies and architectures, and providing technical expertise on information security practices. Primary responsibilities:

- Maintaining and enhancing the IT infrastructure and infrastructure services
- Provisioning, installing and configuring infrastructure components and hardware
- Designing and conducting migration plans of IT infrastructure to cloud services
- Building and managing solutions and infrastructure services in on-prem and cloud environments
- Producing diagrams and documentation of cloud-based or on-premises components
- Providing technical leadership to optimize the performance of IT infrastructure
- Investigating and managing the adoption of tools and solutions for the management of systems and services
- Creating scripts and code to automate the provisioning, testing and deployment of new and changed infrastructure
- Selecting, adopting and adapting information security control frameworks
- Providing expertise, guidance and advise on information security controls

Network Administrator
Getnet / PagoNxt Merchant Solutions

Sept 2018 – July 2022
Munich, Germany

Responsible for managing and operating the network infrastructure, solving problems and faults to ensure defined service levels and monitoring network performance and security. Primary responsibilities:

- Providing technical information about the network infrastructure in scope
- Applying standard change requests according to agreed procedures
- Developing, documenting and implementing changes based on requests for change, following agreed change control procedures
- Investigating, identifying and resolving network problems and assisting with the implementation of preventative measures
- Creating and maintaining network plans for own area of responsibility
- Producing configuration templates, topologies and design documentation of networking technologies within the organization
- Drafting and maintaining procedures and work instructions for network support
- Detecting and diagnosing network problems using network management tools
- Making general or site-specific modifications to network equipment
- Building and executing pipeline jobs to deploy infrastructure as a code

Network Support Specialist
IBM Services

June 2016 – July 2018
Brno, Czech Republic

Responsible for the provision of network maintenance and support services, to both users of the systems and to service delivery functions. Primary responsibilities:

- Investigating, identifying and resolving network problems and assisting with the implementation of preventative measures
- Carrying out agreed operational procedures, including network configuration, installation and maintenance
- Collecting and reporting on network load and performance statistics
- Maintaining the network support process and checking that all assigned requests for support are dealt with according to agreed procedures
- Detecting and diagnosing network problems using network management software and tools, working with users, other staff and suppliers as appropriate

- Providing technical information about the systems
- Making general or site-specific modifications to network equipment
- Prioritizing and diagnosing incidents according to agreed procedures
- Documenting and closing resolved incidents and escalating unresolved incidents
- Applying techniques and processes to track, log, report on and correct configuration items, components and changes
- Developing, documenting and implementing changes based on requests for change, following agreed change control procedures

Systems and Network Administrator *Jan 2013 – Apr 2015*
Modern Educational Centre *Dublin, Ireland*
Responsible for maintaining and ensuring smooth operation of systems and IT equipment over different campuses. Primary responsibilities:

Education

BEng "Catolica Andres Bello" University, Telecommunications Engineering Jan 2009

Qualifications

- **Google Professional Cloud Network Engineer**: August 2023 - Google Cloud Platform
- **Aviatrix Certified Engineer**: November 2022 (24 hours) - Aviatrix
- **Aviatrix Multi-Cloud Networking and Security**: June 2020 (24 hours) - Aviatrix
- **Configuring Cisco Nexus 9000 SWs in ACI mode (DCAC9K)**: May 2019 (40 hours) - Fast Lane Institute
- **Getting Started with F5 BIG-IP LTM**: November 2018 (12 hours) - F5 University
- **Palo Alto Firewall Essentials**: October 2018 (14 hours) - Palo Alto Networks
- **VMware NSX Essentials**: July 2017 (40 hours) - IBM
- **ITIL v3 Foundation**: September 2016 - Axelos
- **Cisco Certified Network Administrator Routing and Switching**: November 2015 - Cisco Systems

Skills and Knowledge

Network Security: Palo Alto Panorama, Palo Alto Firewalls, Cisco ASA, Cisco ISE, Radius, Cisco Umbrella, Cisco AnyConnect, Pulse Secure

Application Delivery: F5 LTM Load Balancer, F5 DNS Global Traffic Manager, F5 ASM Web Application Firewall

Network Infrastructure: Cisco Switches Catalyst and Nexus, Cisco ASR routers, Cisco ACI Switches, Cisco ACI APICs, Cisco ACI MSO

Wireless: Meraki Access Points

IPAM: NetBox, Infoblox

Network Management: ExtraHop, Nagios, CheckMK, Zabbix

Cloud Service Provider: AWS, Azure, GCP

Virtualization: VMware, QEMU / KVM

DevOps: GitLab, Terraform, Ansible, Crossplane, Jenkins, Infrastructure as Code

Networking technologies: OSPF, EIGRP, STP, LACP, CDP, VTP, NAT, DHCP, SNMP, FHRP, ACL, IPSec, vPC, BGP, SSL VPN, WAF

Programming: Python, JavaScript, Go, VBasic

Complex Infrastructures: Catalyst, NGFW, Load Balancer, Nexus, ACI, WLC, ISE, ASR, FEX, Proxy, URL filtering, RBAC, Multi-cloud

Multi-vendor Environment: Cisco, Palo Alto, F5, Meraki, Arista, VMware, Azure, GCP, AWS