**Segun Medeyinlo**

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**Summary**

I am a **Cisco CCIE #26683** certified network engineer with 17+ years’ experience in the industry designing, implementing and supporting large-scale complex multi-vendor networks. I have a customer focused attitude and committed to quality that exceeds expectations. I possess excellent analytical, quantitative, leadership, communication skills and ability to work effectively as part of a team with willingness to take initiative. I am a SME on Cisco ACI, VMware NXS, and Cloud Networking. I am always interested in working with new technology.

**Certifications (Current and Past)**

* Cisco Certified Internetwork Expert **(CCIE #26683)** Routing & Switching
* Cisco Certified Security Professional **(CCSP)**
* Cisco Certified Network Professional **(CCNP)**
* Juniper Networks Certified Internet Specialist **(JNCIS-M)**
* Check Point Certified Security Expert **(CCSE)**
* AWS Certified Solutions Architect – Associate **(AWS-ASA-34071)**
* Security Clearance up to SC Cleared level - Expired

**Technical Skills**

* Cisco Switches IOS: Catalyst 3750-X, 3850, 4500E, 4900M and 6500 Series
* Cisco Routers IOS: Cisco 2800, 3800, 2900, 3900, 7200 and 7600 Series
* Cisco Routers IOS-XE: Cisco ASR 1000, CSR 1000V and ISR 4000 Series
* Cisco Nexus NX-OS: Nexus 1000V, 2000, 5000, 7000 and 9000 Series
* Cisco UCS: Fabric Interconnect 6100 6200 and 6300 Series
* Security Firewall: Cisco PIX/ASA/ASAv, Firepower, IPS, SSG, Juniper SRX and Checkpoint
* Load balancers: F5 Big IP, Riverbed Stingray, Nginx and Citrix NetScaler
* VPN: GRE, IPSec, DMVPN, SSL and MPLS
* Routing Protocols: RIP, EIGRP, OSPF, MPLS and BGP
* LAN switching technologies: PPP, PVLAN, Dot1q, STP and VPLS
* WAN technologies: Frame Relay, ISDN, ATM and DSL/ADSL
* Cisco Datacentre technologies: ACI, VDC, VPC, LISP, VXLAN and OTV
* Others: Cloudcenter Cliqr, Vmware NSX, Amazon VPC and Python Scripting.

**Employment History**

**Barclays Bank** – **Senior Network Engineer 2018 – Present**

**Responsibilities**

The Senior Network Engineer works with internal Business Unit, Product, Engineering and external partners to ensure best practices on the Bank’s Network infrastructure. As the gatekeeper to the Network, Senior Network Engineer participates in planning and execution of all High risk level changes.

* Work within Global Technology Network Operations Team responsible for the managing the majority of the Bank’s operational process and network infrastructure. Effectively the gatekeepers to the global network estate.
* Primary assignment is working with the Transformation team in delivering and migrate services to Cisco ACI Fabric. This includes application segmentation using ACI contracts and Firewall via ACI Service Graph.
* Carry out Network Change and Implementation projects as required by Business Units.
* Carry out Network High and Low Level Designs for projects as required by Business Units.
* Carry out Network Troubleshoot and resolve network related issues.
* Work with Network vendors like Cisco TAC to Troubleshoot, identify root cause and resolve issues.

**Projects Include**

* Bank’s migration to ACI fabric environment: I acted as the Lead Operations Network Engineer and participated in the design, planning and implementation of the migration of several services to running and live on new ACI fabric. Also involved in operational readiness and knowledge transfer for the new Cisco ACI Fabric technology.
* Governance and Automation of ACI fabric: I acted as the Lead Network Engineer in the defining the governance, usage policy, down to object naming conventions and Vlan allocation policy for overlapping Vlans been migrated, multi-tenant ACI fabric. I also developed the automation python scripts that use RESTful API calls for day-2 operations like creating, deleting and modify on the ACI fabric and Visual aid to assist with troubleshooting.
* Banks Private Cloud: I acted as the Lead Operations Network Engineer and participated in the design and implementation of VMware Cloud Foundation VCF using VMware NSX.

**SunGard Availability Services (UK**) – **Senior Network Engineer 2014 – 2018**

**Responsibilities**

The Senior Network Engineer works with internal Consulting, Product, Pre-Sales, Solution Architects and external partners to evaluate and produce Cloud solutions design for customer requirements. The Senior Network Engineer applies complex design principles and methodology that ensures cost-effective and optimal use of resources and technology without jeopardizing network integrity. Customers include Financial Institutions, the UK Government, FTSE 100 and Fortune 500 Companies.

* Working within the Global Service Design & Realization Team responsible for the designing of Customer solutions as well as the lifecycle of the core SunGard AS Enterprise Cloud, UK Government G-Cloud, Managed Private, Public or Hybrid Cloud Infrastructure-as-a-Service (IaaS) Infrastructure.
* High level and low level design of high availability and highly resilient Customers’ network in a Multi-Tenant Cloud environment.
* Working on product engineering design, implementation and 4th level support to the Core Cloud Infrastructure.
* Technical lead duties and management of technical projects.
* Undertaking evaluations of new and emerging technologies and make recommendations to product managers regarding their suitability in the architectural strategy.
* Ensuring projects are completed with high quality and timely execution.

**Projects Include**

* Customer migration to ACI fabric environment: I acted as the Lead Senior Network Engineer and Network Architect in the design, planning and implementation of the migration of several customers to running pre-prod and live on our new ACI fabric platform.
* Governance and Automation of ACI fabric: I acted as the Lead Senior Network Engineer in the defining the governance, usage policy, down to object naming conventions and Vlan allocation policy for the multi-product, multi-tenant ACI fabric. I also developed the automation python script that uses RESTful API calls for both day-1 provisioning and day-2 operations on the ACI fabric.
* Building the network Infrastructure for the UK SunGard Recovery-as-a-Service (RaaS): I acted as a member of the Network team in the design, planning and implementation of the UK SunGard AS Recover2Cloud Service. Using python scripting, I also developed the orchestration piece responsible for auto provisioning the network, IPSec VPNs and firewall security element for Customers.

**SunGard Availability Services (UK**) – **Network Engineer 2010 – 2014**

**Responsibilities**

* Worked within the Global Cloud Network Team responsible for the designing and implementing Customers’ Network into the Cloud Infrastructure Environment.
* Designed and implement high availability and highly resilient Customers’ network in a Multi-Tenant Cloud environment.
* Provide engineering level design and support to the Cloud Infrastructure Environment.
* Provide engineering level design and support to the global MPLS network.
* Technical lead duties and management of technical projects.
* Provide 3rd level support and technical escalation for complex problems from Network support team.
* Ownership of a variety of often concurrent projects in varying scale from very small to large.
* Undertake evaluations of new and emerging technologies and make recommendations to product manager regarding their suitability and possible implementation strategy.
* Liaise with third party vendors and Telco service providers with regards to all the above.

**SunGard Availability Services (UK**) – **Network Support Engineer**   **2008 – 2010**

**Responsibilities**

* Worked within the HA Managed Services team to provide security and network operational support for managed service customers including SunGard Financial System and several other managed customers.
* Executed BAU firewall change request involving modifying access-list, implementing NAT and setting up VPN site to site tunnels.
* Executed network change requests on routers and switches involving modifying OSPF/ BGP routing.
* Troubleshoot the network to resolve incidents and problems for managed customers within SLA.
* Used services and ticketing tools to manage and log the progress of an incident through to successful resolution and closure.

**SunGard Availability Services (UK**) – **Network Analyst**   **2007 – 2008**

**Responsibilities**

* Worked within the DR team with primary responsibility to design and set up the customer’s network disaster recovery plan.
* Customer liaison with regards to network setup for the test, identify and resolve problems.
* Document setup procedures and produced accurate test report for customer.
* Worked with teams and colleagues from other platforms such as Intel and UNIX to meet customer satisfaction.

**London School of Computer Education** – **Cisco Tutor**  **2007 – 2007**

**Responsibilities**

* Primary responsibility was to deliver hands-on instructor led training for Cisco CCNA.
* Reviewed course material and practice scenarios.
* Setup network topologies of Cisco routers and switches, and helped students to understand, build and troubleshoot network scenarios.

**iTECO Limited (Cisco Silver Partner)** – **Network Engineer**   **2005 – 2006**

**Responsibilities**

* Provided on-site 2nd level technical support for security, switching and routing (EIRGP, RIP, and OSPF) ensuring quality service to clients within specified SLA.
* Configured and troubleshoot Cisco routers and switches including hardware installation, upgrades and swap out of kit.
* Involved in deployment and support of Wireless Controllers with LWAPP Access Point.
* Worked with presale team to develop and demonstrate a comprehensive Cisco IP Telephony solution comprising of Call Manager, Unity, IP phones and VOIP gateway.
* Deployed and provided support for network management solutions.

**iTECO Limited** – **1st Line Support**   **2004 – 2005**

**Responsibilities**

* Worked with Cisco Routers and Switches providing adds, moves, changes and upgrades.
* Proactively monitored Cisco equipment with Ciscoworks LMS, HP Openview and other applications in a NOC environment.

**Education**

**Queen Mary University of London** – **MSc Wireless Networks**  **2006 – 2007**

**University of Lagos** – **BSc Electrical and Electronic Engineering** **1997 – 2003**

**Hobbies**

I enjoy playing football and reading.

**References**

Available upon Request