

Michael Danso

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Personal Statement

A highly motivated enthusiastic network engineer with the necessary drive and determination needed to resolve complex networking issues. Possessing effective organisational skills and excellent working knowledge of networking technologies and commitment to keep up to date with the latest developments.

Experienced in providing motivation, guidance and an up-to-date networking consultancy service to both colleagues and clients.

Now looking for a new and challenging engineering position, one which will make best use of existing skills, experience and also further development.

Technical Skills

- P2P, DSL/ADSL, IPVPN, MPLS, Managed Internet Access, Ether VPNS, 3rd Party Circuits – BT, Vodafone, TalkTalk, Colt, Virgin
- RIP, RIPV2, EIGRP, OSPF, Redistribution, BGP, Static Routing
- 10/100/1000/10 000 Ethernet connections, Fibre optics, SFPs, Single Mode Fibre, Multimode Fibre
- IP Addressing, DHCP, VLSM, DNS, TCP/IP, VLAN, Private VLAN, VTP, STP, port channels, GRE Tunnels, Dynamic and Static NAT, SNMP, HSRP, VRRP, GLBP, Pseudo-wires, ePipe, cPipe, VPLS, VPRN
- Cisco Routers - 800, 2900, 3600, 3900, ISR4400, ASR1000, Nexus Family, Radius Server
- Cisco Switches – 2900, 3500, ME3400
- Juniper Routers – MX204
- Firewall – Cisco ASA 5505, 5508, 5510, 5512, Juniper SRX
- Layer 2 – Switching technologies
- IPSA, Remedy, ServiceNow, HPNA, TACACS, Wireshark, NetFlow
- IOS XR, IOS XE, Nokia SR OS, JunOS, Meraki Dashboard
- Excellent knowledge of troubleshooting Cisco Enterprise Ethernet switching and routing
- Cisco and Juniper firewall configuration
- Ability to implement changes and build WAN and LAN solutions involving IP routing, BGP both as part of IPv4 routing and MPLS VPN
- Ability to troubleshoot and implement firewall changes, including IPSec VPN, Remote Access and SSL VPN, GRE and DMVPN
- Hardening of Cisco and Juniper network devices
- Interpretation of network diagrams

Certificate

Cisco Certified Specialist – Enterprise SD-WAN Implementation

CompTIA: Cloud+

NRS1: Network Routing Specialist – (Ongoing)

Palo Alto: Accredited Configuration Engineer (ACE)

JNCIS: Service Provider

JNCIA: Cloud

CCNA: Cyber Ops

CCNP: Routing and Switching

JNCIA: Junos Associate

CCNA: Routing and Switching

Degree: BEng Computer Networking

Individual Courses

Python for Network Engineers: Basic
MPLS
BGP
F5 BIG-IP: Local Traffic Management
HTML – Intermediate
PHP – Basic
Traffic Engineering
Layer 2 services (epipe, cpipe, VPLS, VPRN)

Current Employment

British Telecom

Date: April 2022 – Present

Project Implementation Engineer || Contract

Responsibilities includes and not limited to:

- PKI Migration Project– Implementation
- Public Service Network (PSN) – DMVPN
- Encryption Overlay Service (EOS)

British Telecom

Date: July 2021 – March 2022

Data Engineering Specialist || Contract

Responsibilities includes and not limited to:

- EOS Network Refresh/Upgrade
- Troubleshoot DMVPN tunnels

Education

2011 – 2015

University of Greenwich - BEng Computer Networking

Past Employment

National Road and Safety Commission - Ghana

Date: December 2020 – February 2021

Network Consultant || Project (Network Refresh)

Responsibilities includes and not limited to:

- Sites survey
- MPLS solution proposal
- Project equipment's assessment
- High Level Design Document

Port233 Ltd || Holy Family Catholic Church

Date: August 2020 – October 2020

Network Consulting || Project (Network Optimization)

Responsibilities includes and not limited to

- Review and assessment of network
- Implementation of changes and recommended upgrades

NATO Communication and Information Agency [SHAPE-Mons]

Date: January 2020 – July 2020

Transmission Engineer || Contract

Responsibilities includes and not limited to

- Provision and maintenance of layer 2 services across a constraint based MPLS network.
- Enforcing network standard on all previously configured mission networks.
- Datacenter power realignment and documentation.
- Low-level design of service network and configuration on Cisco IOS and Nokia SR-OS devices.

Daisy Communication Group

Date: July 2015 – 2019

Core Network Engineer || Technical Operation Centre

My main responsibilities included and not limited to:

- Monitoring of all platform systems of core network [SNMPC]
- Fault diagnostics and resolution across Network, Cloud and UCS.
- Implementation of change requests on core and customer facing networks
- Broadband management
- Arbor DDoS platform monitoring – Security Analyst
- Main technical environment: BGP, MPLS VPN, ASA Firewalls, Cisco IOS/XR devices, Juniper SRX, F5 Load balancers

Tier 2 Network Engineer || Service Provider

My Main responsible includes and not limited to

- Support of the Service Provider's Customer Support Operation, incorporating fault diagnostics and resolution across Network, Cloud and UC
- Managing and troubleshooting BGP, MPLS, VPNv4, IPSec VPN, VRF, QOS and broadband related issues on PE and CE devices.
- Preparation and execution of firewall changes.
- Providing support for managed routers (wireless, 3G, 4G), switches and firewall
- F5 LTM configuration & iRule modification

References

Available on Request