**BRENDON MASUKU**

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CCNA certified analytical IT professional that is well versed in network design, installation, maintenance, and diagnostics.

**EDUCATION**

**NexGenT,** Full Stack Network Engineer August 2020 – July 2021

*San Jose, CA*

* *500hrs of training, education, simulations, hands on experience and project management that includes a skills qualification check and required passing of written examinations.*
* *150hrs of CCNA 200-310 exam preparation*

**University of Western Cape,** Law School StudentAttended:January 2012 – May 2014

*Cape Town, South Africa*

**SKILLS AND CERTIFICATIONS**

* Cisco Certified Network Associate (CCNA, Cisco Systems) – July 2021
* Full Stack Network Associate (FSNA, NexGenT Inc) – October 2020
* Full Stack Network Professional (FSNP, NexGenT Inc) – February 2021
* Management and staff supervision
* US Soccer, Grassroots Certified
* Multiple NFHS Certificates (heat concussions, heat illness, fundamentals of coaching)
* Fluent in Zulu, Xhosa, Tswana, and Sotho

**TECHNOLOGY SUMMARY**

Software: Cisco IOS Command Line Interface (CLI), Cisco network device configuration, PuTTy, Wireshark, packet sniffer, port scanner, Windows and Mac command line tools, domain lookup, ping, route tracing, netstat, looking glass sites, virtualization software, password managers, note takers, text editors, screen cap tools, text comparators, TFTP and FTP server/client and syslog servers.

**TECHNICAL EXPERTISE**

* IT and Network Architectures
* Network Devices and Components
* Network Topologies and Types
* Full Stack Networking
* Network Management
* Bits, Bytes, Ethernet, and Media
* Access Control
* Layer 2 and Layer 3 Switching
* Virtual Local Area Networks (VLANs)
* Spanning-tree Protocol, Internet Protocol
* Static Routing
* Routing protocols (EIGRP, OSPF, BGP)
* IP Addressing, Subnetting and Access Lists
* Network Address Translation (NAT)
* Networking protocols such as ARP
* ICMP, DHCP, FTP, Telnet and SSH
* TCP and UDP Fundamentals
* Network Cables and Connectors
* Cable Making
* Wireless LANs
* Voice over IP
* Cisco IOS
* Cisco Packet Tracer

**PROJECTS**

**3-Site Enterprise Network Deployment**

*Planned, designed, and deployed a robust network infrastructure supporting a headquarters office and 2 branch offices hosting 55 LAN users.*

* Worked on IT operations, architectures, network infrastructure design, configuration, and management to create a network solution with the specifications set by the client.
* Presented project manager with a full Statement of Work that included the network topology, basic timeline for project delivery and a bill of materials.
* Logged 80hrs of command line configurations on routers and switches that included VLANs, VTP, HSRP, BGP, QoS, DHCP, and STP to ensure proper functionality of the network.

**Cisco ASA SSL VPN Project**

*This project includes the installation of ASA Firewall with SSLVPN Service to support the requirements of the Statement of Work.*

* Brownfield deployment, added a Cisco ASA 5506-X Firewall to the existing FSN Project at the HQ location.
* Completed a HQ ASA 5506-X deployment, HQ ASA 5506-X SSLVPN configuration, verification, testing and confirmation of deliverables.
* Set up and configured Trusted Root CA signed certificate and installed on the ASA used for SSLVPN users to authenticate against when using the SSLVPN.
* Perform final testing of all installed network services and confirm each deliverable was met in the Project Completion Form.

**Colocation Data Center Project**

*Deployed a robust network infrastructure in support of The Company headquarters and two branch office facilities.*

* Brownfield deployment, added a colocation DC to provide offsite high availability and resiliency to the FSN project.
* Identified potential risks, created a scope of exclusions, change additions and proposed billing terms to the company HQ.
* Followed 14 Scope of Work milestones and tasks ranging from Project Kick off to High Availability Cabling, EIGRP.
* Dynamic Routing, set up HQ Colo LAN to Project Closure to ensure all deliverables are completed.

**OTHER EXPERIENCE**

**Point Solutions,** Account Executive & Corporate Trainer*December 2019 – May 2020*

*McLean, Virginia*

* General management and supervisory duties, including creating staff schedule, conducting team meetings, and delegating daily tasks.
* Face to face sales
* Recruiting, onboarding, and training new staff

**Soccer Without Borders,** Youth Coach *November 2018 – August 2019*

*Bladensburg, MD*

* Leading a diverse and co-ed youth team (U19), at Langley International High School.
* Developing drills and designing session practices.
* Recruiting new players.
* Supporting players in their academics
* Boosting team’s confidence by beginning every practice with an inspirational ‘word of the day’.

**DisChem,** Floor Supervisor *June 2014 – March 2018*

*Johannesburg, South Africa*

* General administration duties, including creating staff schedule, conducting team meetings, and delegating daily tasks.
* Day to day problem solving, customer queries and complaints.
* Serving as point of contact between upper management and floor staff
* Inventory management and supervising stock-take activities
* Human resource functions including hiring, dismissing, training, and onboarding.
* Fostering a positive work environment for my staff