**Anthony Ubah**

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**Professional Summary**

Solutions-driven Telecommunication professional with 10 years of work experience in IT Project Manager, Transmission/Transport Network Planning and Analysis in Access, and Transport Networks. I have hands-on experience in IP bearer Networks, and Optical Fibre Network planning and deployment. I have a degree in Electrical/Electronic Engineering, and a master’s degree in Information technology. I am also experienced Field operations and in IT Project management.

I am a writer, a blogger, an art enthusiast, with a keen interest in Internet governance and the critical impact of Internet policy development in improving the future of the Internet in Africa.

**Technical Skills**

* Routing/switching, Infrastructure, Cloud, & security
* Network Planning and Network Architecture.
* Technologies, LAN/WAN, Ethernet, TCP/IP, IP MPLS VPN, IPsec, GRE, NAT, SNMP, DHCP, DNS Load balancing, Link aggregation/ EtherChannel (LACP, PAgP).
* L2/L3 Routing protocols RIP, EIGRP, OSPF, IS-IS, and BGP with Route-Redistribution, Route-filtering and Policy based routing using Route-maps
* Mobile communication technologies ; 3GPP. UMTS, HSPA, GSM, CDMA, WCDMA, LTE, VoLTE, 5G technologies, IP telephony.
* Optic Fibre Broadband Network Technology Access networks – HFC, FTF, FTTx, G-PON, XGS-PON, Metro Fibre.
* Technology; IP/TCP, Ethernet, TDM, SONET/SDH, DWDM, CWDM, ADM, ONT, RF, Microwave Links
* Tools; Visio, Path Loss, Map Info, AutoCAD, SQL, Spreadsheet
* Multicast networks, Digital TV, IPTV
* Satellite Communications
* SDH/SONET
* Fibre Optic Cables Testing and measurement
* OFN Outside Plant Hardware
* Fibre splicing
* Network Troubleshooting
* Excellent written and oral communication
* Technical Support
* Collaborative ability
* Agile Project Management
* L2VPN and L3VPN

**Certifications**

* IT Project Management Professional - University of Washington - (Jul 2019)
* The Fundamentals of Digital Marketing, Google - August 2018
* Huawei IP Bearer Network Operation Training/ iManager U200 Training/iManager uTraffic Training, Huawei University - June 2016
* Huawei DWDM Network Training, Huawei University- May 2016
* Microwave RF Engineering Technology for Mobile & Network Operator International Best Practice update and refresher course, SIAE Microelettronica – March 2017
* Ericsson Automation Fundamental – (April 2021)
* Ericsson Certified Associate - IP Networking – (Mar 2021)
* Ericsson Certified Associate - Microwave Transmission – (Oct 2020)

**Education**

* IT Project Management Professional - University of Washington - (Jul 2019)
* Master’s Degree in Information Technology from National Open University of Nigeria (2018)
* Bachelor’s degree in Electrical/Electronic Engineering from Caritas University (2005-2010)

**Experience**

**Ericsson *Apr 2019 – March 2021***

**Network Engineer - Network Design and Optimization**

* I worked in multiple projects across different counties in Africa and Europe doing Network Planning, Design, Tunning, and optimization on Microwave networks, IP core Networks and Optical Fibre Networks. My design and optimization activities helped Telecommunications service providers transform and evolve their networks to cope with latest technologies and customer demands. I used various tools including, Pathloss, Google Earth, MapInfo, etc, and also Ericsson Cognitive software to perform proactive planning and designs.
* I have a good grasp of OFN and Radio Architecture, for 3GPPP 2G,2.5G, 3G, 4G and 5G architecture, fixed Wireless, Wi-Fi Networks.
* I perform Network KPI analysis, using AMOS with Ericsson Management Command Line Interface (EMCLI).
* I did frequency planning & design of microwave links to support rollout Operations and Optimization of Transmission/Transport Network for Network operators.
* Design IP Network for traffic routing and traffic management, and design IP Network Plan for Microwave network supervision and for Network security.
* Plan and dimension transport Network for Network infrastructure deployment and System integration.
* Plan and configure End-to-End QoS for efficient use of network resources.
* Co-ordinate Line-of-Sight survey for all planned sites with the Vendors.
* Managing Transmission plans for smooth BSC/RNC/Router integration, traffic cut-over, node, and traffic protection.
* Liaise with BO, FME, GPOC and GNOC teams to provide support for fault resolution.
* Make recommendations on the procurement of transmission equipment and draw up the respective bill of quantities for clients.
* Working with the Project management teams to endure transmission links are deployed as planned.

**Globacom Nigeria *Jan 2018 – Mar 2019***

**Senior Network Analyst**

Zonal Transport Network Planning Coordinator for North-Eastern region of Nigeria.

* I design Transport Network for traffic migration and capacity planning for Optic fibre Network and Radio Access Network. I used software tool like Pathloss, Mentum Planet, MapInfo, Google Earth and iRiver.
* I planned and manage deployment of Dark Fibre for metro fibre project, including Fibre testing, Fibre splicing, Fibre patching.
* Plan and implement software and License upgrades for network element.
* I designed and issued IP Work orders for data traffic routing, and DCN IP configuration to remote enable network management.
* Planned metro Fibre Networks for backbone Optical Fibre Network and enterprise solutions.
* Circuit deployment Planning; feasibility studies, RF Planning, MW Line of Site study and validation.
* I manage deployment projects for New Node/IT infrastructure, hardware/software upgrade, Traffic Migration, Network Optimization activities, Equipment Swap, and Vendor Swap.
* Prepare technical reports and requisition memos for spare and service requisitions, RFQ, POC, UAT, etc.
* Plan Sites with the BSS team for cell densification studies and footprint expansion in Schools and City centres.
* With these, Improved Network KPs, recorded rise in Data utilization, and reduced OPEX.

**Globacom Nigeria Mar 2016 - Jan 2018**

**Transmission Planning (Network Engineer)**

* Planned IP Network Transport and issued IP Work order for data traffic routing and DCN.
* I lead IP/MPLS Network Planning for Enterprise customers, providing MPLS L2VPN deigns for routing traffic.
* Work Orders, and MOP for implementing Leased circuit designs for enterprise customers (P2P, VPLS, on L2VPN)
* Plan and generate work orders for TDM to IP migration of 85 GloWorld (Globacom retail outlets) circuits. This provided additional capacity, and robust connectivity, boosting availability.
* I managed company database for Fibre Network, and Microwave Network link deployment.
* I Prepare audit report for spectrum Billing for Nigeria Communications Commission (NCC) [National Regulatory].

**Globacom Nigeria  *May 2012 – Mar 2016***

**Field Service Manager**

* I managed, and scheduled Operations and Field Maintenance activities in my Network cluster, resolving BSS/Transmission network quality and availability issues, thereby increasing customer satisfaction.
* I was responsible for Acceptance, Installation, configuration, commissioning, and testing of new equipment.
* I oversaw timely Maintenance of equipment such as Microwave radios, ADM, OTN NEs, BTS, RAN Nodes, Routers, Firewalls, and Switches.
* I maintained records on installation, repair, and equipment replacements.
* Identified requirements and develop new sites, prepare specifications, drawings.
* Analysed Network performance levels of system software/hardware and planned future requirements.
* I managed all ongoing projects and utilization of company resources within my network cluster.
* Training and mentoring of new engineer.
* I followed up with Field Operations engineers for routine check-up of equipment, to ensure optimal performance, and logging from Network monitoring Tools.
* I performed Fibre testing, Fibre splicing, Fibre patching to maintain too Optical fibre network for OFN solutions.
* I was available 24/7 on standby to commute to site to Troubleshoot, Diagnose, neutralization of alarms, correct hardware, and software, configuration, and errors on BSS and transmission systems, and power rectifiers.
* LAN Administration for Network element supervision.

***Timepiece Integrated Services LTD Nigeria*  *Nov 2010 – Apr 2012***

**Project Development Engineer**

I performed system Integration, and Installation of Wi-Fi, Microwave links, Router, switches and firewall equipment.

***Nigerian Telecommunications LTD (NITEL)*  *Sep 2007 – Mar 2008***

**Telecommunication Engineer (Intern)**

* Operation and maintenance of telecommunications Equipment and Satellite communication
* Read and interpreted blueprints, technical drawings, schematics.
* Communicated with engineering team at the NITEL International Gateway to learn about Telecommunications, and satellite and terrestrial Microwave communication.