

Abubakarr Barrie

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Profile

Technically skilled Information Technology and Telecommunications Professional with over 10 years working experience and a versatile administrative support skill set developed through experience as an ICT Manager, Multimedia Product Executive, IT Banking Officer, BSC Engineer, BSS & Field Operation Engineer.

Experience in Cloud Computing (Azure, AWS, GCP), Configuration Management tools (Ansible), Programming/scripting Languages (Python, JavaScript, C++), Web Development (html, CSS), Cellular Network (2G/3G/LTE/LTE-Advanced), LAN/WAN Design & Support, Fibre Optic Technology and Data Networking Implementation. Well-grounded in different flavours of Linux (Red hat, Centos, Ubuntu and Debian).

Flexible and adaptable – able to maintain a sense of humour under pressure. Poised and competent with demonstrated ability to easily transcend cultural differences. Thrive in deadline-driven environments and excellent team-building skills.

Professional Certification

- **Certificate Course in Project Management Fundamentals** – Institute of Public Administration and Management (University of Sierra Leone)
- **Diploma in Server Infrastructure-** Microsoft MCSE Server 2012, BlueCrest College, Sierra Leone
- **Certified Ethical Hacking v8.** EC-Council
- **Certificate Course in Cisco Enterprise Networks** (CCNA & CCNP Routing and Switching). UTL Technologies, India
- **Cisco Certified Network Associate** (CCNA 120-200)
- **VMware Certified Associate** (Cloud, Datacentre & Virtualization, and Workforce Mobility)
- **Linux Red Hat Administration.** UTL Technologies, India
- **Information Technology Security.** UTL Technologies, India
- **Diploma in Antenna Line Systems & Installation of Aerial Systems.** Katherine Antenna Electronics, France.

Seminars/Workshops

- **African Commonwealth National Cyber Risk Assessment Capacity Building Workshop** – Commonwealth, Lilongwe, Malawi, 12-14 November 2019.
- **Commonwealth Cybersecurity Capacity Building Workshop** - Commonwealth Telecommunication Organisation, Freetown, Sierra Leone, 30 July 2019
- **Seminar for Young and Middle-aged Diplomats of English-Speaking African Countries** - Ministry of Commerce, People's Republic of China, 8-28 June 2017.
- **Regional Training Course on Information and Computer Security for Facilities that handle Nuclear and other Radioactive Material** – International Atomic Energy Agency (IAEA) and South African Nuclear Energy Corporation (NECSA), Cape Town, South Africa, 7-11 November 2016
- **Diplomats Combating Trafficking in Persons-** U.S. Embassy Freetown, Sierra Leone, May 2015
- **E-Commerce for Practitioners-** United Nations Conference on Trade and Development (UNCTAD), Geneva, March 2015
- **Working Effectively for Government-** British High Commission and Civil Service College London, 6-9 January 2014

Education

July 2010 – January 2012 **M.Eng. Electrical (Telecommunication) Engineering** CGPA (3.80/4.0)
University Technology Malaysia, Johor.

Dissertation: “Implement Fast Handoff in Vehicular Ad Hoc Networks”

October 2004 – July 2008

B.Eng. Electrical (Communication) Engineering
Fourah Bay College, University of Sierra Leone

Class (2-1)

Project Work: “Design a Program to implement Traffic File Handling in Huawei D900/1800 Mobile Switching Center”

Experience

Aug 2018 - Present

ICT Manager

Office of National Security & Central Intelligence and Security Unit,
Office of the President, Freetown.

- ◆ To provide technical, strategic and policy advice on ICT matters and the implementation of various ICT solutions and interventions on work processes and other related matters.
- ◆ To help protect and defend National Security Systems
- ◆ Provide technical advice to ONS & CISU on ICT issues and projects.
- ◆ Advice on acquisition of IT resources based on assessment studies.
- ◆ Maintain inventory of all ICT resources within ONS & CISU
- ◆ Manage all matters relating to quality assurance, including testing of applications and related IT equipment.
- ◆ Manage matters related to system security, including backups, password enforcement, antivirus administration and related physical security issues.
- ◆ Ensure that the ICT Policy is implemented in accordance with professional guidelines.
- ◆ Ensure cooperation with MOIC in the development and implementation of ICT strategies, guidelines and standards within the National ICT Policy.

Feb 2013 – Jul 2018

ICT Manager

Ministry of Foreign Affairs & International Cooperation, Freetown

- ◆ Provide technical advice to the Ministry on ICT issues and projects.
- ◆ Advice on the acquisition of IT resources based on assessment studies.
- ◆ Manage staff of the IT unit.
- ◆ Maintain inventory of all ICT resources within the Ministry.
- ◆ Manage all matters relating to quality assurance, including testing of applications and related IT equipment.
- ◆ Manage matters related to system security, including backups, password enforcement, antivirus administration and related physical security issues.
- ◆ Serve as MDA focal point in matters relating to ICT activities.
- ◆ Ensure cooperation with MIC in the development and implementation of ICT strategies, guidelines and standards within the National ICT Policy.

- ◆ Perform other duties within the scope and intent of the job, as may be assigned from time to time.

Aug 2012 – Jan 2013 **Multimedia Product Executive**
Airtel SL Ltd, Freetown

- ◆ Drive Airtel's Multimedia Product group, including all Messaging, Content (WAP, Web and STK) and SMS products across all bearers.
- ◆ Stimulate the growth of subscriber usage and revenue of these mediums by applying product management best practice to the Multimedia product group, entrenching product ownership within the marketing function to deliver on plan.

Jun 2010 – Jul 2010 **IT Banking Officer**
Bank of Sierra Leone, Freetown

- ◆ Participate in the design, analysis and execution of the Payment System Implementation Project by WAMI.
- ◆ Responsible for installing, configuring and maintaining of network equipment and devices.
- ◆ Administer and manage server, server clusters, system back-up and restore protocol.
- ◆ Perform troubleshooting analysis of workstations and associated systems.
- ◆ Oversee software and network security.

Jan 2010 - May 2010 **BSC Engineer**
Africell Sierra Leone, Freetown

- ◆ Perform testing of BSC and TRAU elements during the commissioning and integration phases.
- ◆ Install BSC expansion module (plug-in units), commission and integrate BSC and TRAU or related Network elements according to valid documentation provided by Nokia Siemens Network (NSN).
- ◆ Analyse Technical Notes, Change Notes and all modifications and retrofits to be done on SW/HW of BCS and TRAU or other BSS related Network elements
- ◆ Conduct feasibility Study on implementation and roll-out plans.
- ◆ Provide on-hand type of training to the representatives of the technical unit upon request.

Feb 2009 – Dec 2009 **BSS & Field Operation Engineer**
Tigo Sierra Leone, Freetown.

- ◆ Administer daily operation and maintenance of Base Station Subsystems (BSS) network nodes.
- ◆ Effective monitoring/maintenance of radio links to minimize outages due to link failures.
- ◆ Responsible for the integration of new links to the NMS Systems
- ◆ Configure SDH and PDH Microwave links
- ◆ Perform both scheduled and unscheduled maintenance on BSC, BTS and Transmission Equipment

- ◆ Ensure all external alarms are configured and are functioning at all times.

Sept 2008 – Jan 2009

Assistant BSS & Transmission Engineer

Africell Sierra Leone, Freetown

- ◆ Antenna installation (both GSM and Microwave)
- ◆ BTS installation and commissioning.
- ◆ Radio link installation, commissioning and monitoring (both Stratex and Siemens).
- ◆ Collection of RSL values of the transmission links and analysis of statistical data.
- ◆ Site maintenance and upgrade.

Sept 2007 – Jan 2008

Intern

Comium Sierra Leone, Freetown

- ◆ General subscriber administration, Call routing, and basic switching.
- ◆ Manage Radio Resource and troubleshooting.
- ◆ Commissioning of Huawei BTS's and BSC's
- ◆ Radio link installation.
- ◆ As an IT Technician, provided ISP services to clients, LAN/WAN configuration and troubleshooting of PCs, printers, scanners, etc.

References

Upon request.