A D A M U   A B D U L L A H I

Principle Network Engineer and Computer Hardware Engineer

Information and Communication Technology Directorate
Kaduna State University, Kaduna.
Tafawa Balewa Way Kaduna, main Campus Kaduna.

PERSONAL DATA

An experienced Principle level IT Professional with significant design, support, administration and implementation of ICT Projects with extremely experience of networks and Hardware Maintenance. Over 14 years of IT experience with full life cycle ICT projects and teaching experience. Thrives in a customer focused, multi-site environment. Always meets client demands and develops good long-term customer relationships

Date of Birth: 11 May 1984

Place of Birth: Kaduna North

State of Origin: Kaduna

Local Government: Kaduna North

Marital Status: Married

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ACADEMIC QUALIFICATIONS WITH DATES

- MSc Computer Networks and Management   2012-2013
  Middlesex university London
- BSc Computer Science in
  Network Management   2013-2014
  Adamsville University US
- Higher National Diploma HND   2006-2008
  Business Admin and Management
  Federal Polytechnic Kaduna
- National Diploma ND   2003-2006
  Federal Polytechnic Kaduna
- Senior Secondary School Certificate   1996-2002
  Sheikh Abubakar Gummi College
- First Living Certificate   1988-1993
  L.E.A Unguwar kanawa Kaduna

AWARDS

- Certificate of students Representatives council Postgraduate

- Certificate of Distinction Academic Performance Undergraduate

- Certificate of Excellence

- Certificate of Students Representatives Council

National Youth Services Corps (NYSC)

Akoko Edo Uboshi Secondary School **2008-2009**

TECHNICAL SKILLS SET SUMMARY

- A+ Computer Technician
- Cloud computing and infrastructures EMC^2
- Web Design and Hosting HTML
- Cisco Certified Network Associate (CCNA)
- Cisco Certified Network Professional (CCNP)
- Cisco Certified Design Professional (CCDP)
- Cisco Certified Security Professional (CCSP)- in progress
- Certified Information Systems Auditor (CISA) – in progress
- Setting up Cisco Network – Routers and Switches (SNRS)
- Securing Cisco Network Devices (SND)
- Cisco Firewall Specialist
- Cisco IOS Security Specialist
- Microsoft Certified Systems Engineer (MCSE) - Windows 2003
- Microsoft Certified Systems Engineer (MCSE) - Windows 2000
- Mikrotick Router, Indoor and outdoor configuration and management
- Cisco Router Cisco Switches and Network management
- Routers Firewalls Firewall principles Remote Access
- Cisco routers 800 / 1700/ 1800 / 2600 / 2800 / 3600 / 3800 /7200 series
- Cisco switches CE500 / C2950 / C2960 / C3560 / C3750 / ME3400 / C6500
- Cisco PIX 501 / 506 / 515 / 525 and ASA 5505 / 5510 / 5520 / 5540 firewalls and FWSM
- Cisco 3005 VPN concentrators
- Cisco Wireless Control System – Aironet APs and controllers
- Cisco ACS Server
- Routing protocols RIP / OSPF / EIGRP / BGP

- VLANs / STP / RSTP / Ether channel / MST
- VPNs – GRE / IPSec / DMVPN / SSL / MPLS
- VoIP – Cisco Unified Communication Manager 6.0 / CCM Express; Cisco UC500
- Securing VLANs, switch access, IDS, IPS
- Cisco Works
- 3COM switches
- Juniper switches EX Series
- Juniper firewalls SSG/ ISG / IDP Series
- TCP/IP, DNS, DHCP, WINS
- Wire Shark, Nessus
- IT Guru Academic Network Simulation
- VMware
- Microsoft Windows Servers NT / 2000 / 2003 / 2008
- Microsoft Exchange 5.5 / 2000 / 2003 / 2007
- Microsoft Operations Manager (MOM) 2003 / 2005
- Microsoft Office 95 / 2000 / XP / 2003 / 2007
- Active Directory, Group Policy
- HTML, ASP
- Citrix Metaframe XP / Presentation Server 4.0 / 4.5 / 4.6; Citrix Access / Secure Gateway
- McAfee / Symantec
- ERP II - Microsoft Navision Axapta
- Veritas/Symantec Backup Exec; Arc Serve Backup

Employment History

Company	**A.S.D Group Of Companies**
Role	**Asst Network Engineer/Cafe Manager**
Dates	October 2002-2005
Description	Technical Operational

Responsibilities

- Administering the whole IT infrastructure – switches, firewalls, routers, and servers

- Troubleshooting and solving networking issues - TCP/IP, DNS, DHCP, Layer 2/3 network devices

- Troubleshooting hardware repairs and maintenance

- Creating and managing user and group Accounts.

- User account management and configuration disk Quota's to limit the disk space for all users monitoring disk space and performance in all servers on daily activity installation and configuration of server, Desktop, Printer, Monitor, manage and troubleshooting access file folders and Printer Servers, Terminal servers, Application servers support for all hardware Device Expertise in Microsoft outlook client troubleshooting Handling all escalations pertaining to desktops using VNC Anywhere.

- Configuration and management of wireless router mikrotick with indoor and outdoor. A dedicated Bandwidth 1 upload and 512 download VSAT Internet Services providers (ISP).

Company **AM Link Global Services Limited and Nigerian MTN Mobile Company**

Role   **Senior ICT Consultant**.

Dates   January 2005 – February 2008

Description   Provided 24x7 Support for Enterprise/Gold customers in Kaduna state and outside regions

Responsibilities

- Technical lead duties and management of technical projects
- Designing and implementing customers' network infrastructure
- Configuring and implementing Remote Access Solution:

IPSec VPN, EasyVPN, SSL VPN, Citrix Access Gateway, Citrix Secure Gateway

- Configuring Pix to Pix, ASA to ASA and Router to Router VPN
- Implementation of HSRP (using IP SLA) and GLBP
- Configuring VLANs, VTP, Ether channels
- Configuring intervlan routing on Layer-3 switches
- Securing switch access
- Designing and implementing wireless architectures (Cisco Aironet APs and Cisco 4400 series controllers)
- Configuring Voice VLANS and Qos VLANs
- Configuring routing using OSPF and policy routing using route maps
- Hardening Cisco devices – Implementing IDS and IPS, Cisco IOS Firewall, AAA
- Implementing traffic filters using Standard and Extended access-lists,
- Distribute-Lists,   and Route Maps

- Building and maintaining Visio documentations for Clients

- Gather and collate network requirements by working with clients and colleagues.

- Design secure and scalable networks.

- Assist in sizing effort for the network part of projects.

- Assist in pricing for the network part of projects.
- Install secure and scalable network devices.
- Work with OS and application teams to ensure client service success.
- Document all network set-ups.
- Follow both customer and company standard ITIL processes e.g. Change Management.
- Liaise with support teams, working together to resolve customer issues.
- Work as part of a team with excellent communication skills.

- Work with clients during all stages of projects.
- Highlight and document all network risks of projects.
- Coach more junior members of staff.

Company **Kaduna State University**
Role **Principle Computer Network and Computer Hardware Engineer**
Dates February 2008 – Date
Description IT Technical Operations and Maintenance

Responsibilities: Responsible for maintaining and installing computer networks based around Microsoft Server Technologies. Working as part of a team and operating in a fast paced, changing and challenging 24x7 environment.

Administering & designing LANs, WANs internet/intranet, and voice networks. Analysing & developing key components using methodology prescribed techniques. Communicating and negotiating with users, specialists, other staff and suppliers. Network connectivity troubleshooting, ping, tracer, telnet. Responsible for communication protocols, configuration, integration & security. Investigating, diagnosing and resolve all network problems. Maintaining pre-packaged software applications on the LAN. Upgrading and repairing faults on CIS systems, networks & peripheral equipment. Cisco & HP switch configuration in particular VLAN configuration/troubleshooting. Working with multiple technical platforms i.e. mainframe, two-tiered client-servers and three-tiered client-servers.

- Troubleshooting hardware problems in regards to : all the server range, SAN boxes, tape backup units, switches,

- Network infrastructure upgrade from Frame Relay to Ethernet
- Configuration and Management of Mikrotick Router with indoor and outdoor radio
- Solving software problems - Microsoft (Windows NT/2000/2003; SQL Server 7.0, 2000; Exchange 5.5, 2000,2003; SMS 2003; MOM2 2003), Dell's applications,

Veritas Backup Exec, Arc Serve 2000; Citrix XP, Metaframe 3 and 4

- Computer Hardware repairs and upgrade and other c1omputing components associaries in the university
- Troubleshooting and solving networking issues - TCP/IP, DNS, DHCP, Layer 2/3 network devices
- Instructor Hardware and Network modules Lab sessions practical's
- Instructor and chairman committee of kasu staff on ICT training and development in house training
- configuration and systems Assembly and Disassembly different basic of technology and systems troubleshooting and HP laser jet DeskJet printer repairs and technical skills acquisitions

Projects Included	**Most significant projects 2005-2015**

- Designed and Managed Kaduna State secondary Schools Zone I and II IT Laboratory Projects 2005-2007
- MTN sites Engineer survey and installation and configurations of outdoors radio with wide marks
- Kebbi State university, ABU, BUK Dialogues ICTs Projects learning \centre with fiber and twisted pair cables and LANs Switches full Implementations
- Re-designed Network architecture and set up of Kaduna state university computer centre with 112 workstations and cost evolutions analysis of the projects **2008**
- Designed and set up of Geography information Systems GIS Kaduna Sate University with 30 Nodes and outdoor radio Connectivity LANs **2011**
- A senior Technical and liaison officer Kaduna State university in collaborations of Computer AID London, repairs, maintenance, reconfigurations of imported systems unit desktop **2011**
- Designed and set up of three computer labs in different faculties of Science, Social and Management science and

Art with 30 nodes and optic fiber cables single mode connections LANs and Wireless connection Mikrotick radio **2010**

- Designed LANs and configurations of Kaduna State University faculty of art languages labs English, French, Hausa and Arabic with total number of 80 nodes ETF Project **2010**

- Designed LANs of New E-library and systems configuration with window server 2003 and VSAT 1mb/1bm of upload and download with VSAT Bandwidth and wireless access points D-links national communication commission NCC Projects **2011**

- Designed and set up ICT centre Nigerian customs colleges Abuja with dedicate VSAT 1mb/1mb and maintenance **2011**

- Designed and set up of LANs and WAN network of Kaduna state Muslims pilgrim's welfare boards and management. **2009**

- A technical team leader of fifteen members of Network technical personnel of World Bank ICT Training and Development **2010**

- Set up of wireless and wired connectivity and design construction of computer lab unit NAITA Kaduna Headquarter **2010**

- Design and set up standards E-library with VSAT of Taraba state university, Sub Engineer contractor **2011**

- Re- Designed LAN optic fiber cables single mode phase I and Phase II lying and terminations and configuration of POE Kaduna state university main campus.

Courses Tough Part Time Lectures **Jofegan, Afim Software Development IT**	- Introduction to Computer Science and information systems - IT Projects and Methods - Networks and topologies Designs - Systems Troubleshooting

Training Institute, AM Link Global Services Kaduna, **Lagacy Computer Institute Kaduna,** **Dialogues ICT Institute Kaduna and** **Kaduna State University**	• Microprocessor and digital Systems • Fundamentals of Network and Routers • Network Troubleshoot and Management • Network Security • Management Information systems and DBM • Computer Hardware, Network Operating Systems I and II • Network Lab Practical • Computer and Organization • Introduction Programming • Data Communication • Network Simulations IT Guru Software • Research Methodology • Web Information Systems and HTML Codes PHP

WORKSHOP

- International Workshop and Training in Mathematical Modeling and Neural Network, Data Mining and Scientific Computing With Maple and Mat lab. Covenant University Ota Ogun State Nigeria **2011**
- International Workshop on Software and social media Computer Kaduna state university in conjunction with computer Aid United Kingdom. **2012**

RESEARCH PUBLICATIONS

Dissertation and Thesis

Abdullahi, A.(2013) Network Setup and management, A case study of Nigerian Educational Institutions, SMEs and Government Agencies

Journal Publications

Abdullahi, A. (2014). ICT and Designs Challenges and Implementations in Kaduna State University. 2nd International Conference Journal of ICT Development and sustainability Published in Sweden.

Abdullahi, A. (2012). Spectrum Sensing Techniques in Cognitive Radio Networks School of science and technology Symposium Middlesex university Dubai Summon data based.

Research In Progress

- Green Computing Standards and Awareness of lower Energy Computing Resources

- Computer Based Test Readiness and Assessments Kaduna State Secondary Schools
- ICT Integrations in Teaching and Learning Tertiary Institutions
- Frequency Distribution of cognitive Radio network in FM Stations

HOBBIES

Reading and Horse Riding

REFEREES

1. **Alhaji Rilwanu Abdulsallam**

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   Federal University of Taraba, Wukari

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