Haruna Umar Adoga

5 Carolside Drive, Glasgow, UK.
Networks | Systems | Cloud Engineer
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Experience

Freelance Networks/Systems Engineer   November 2016 – Present
Freelance   *Glasgow, UK*

- Routing and Switching
- Cloud infrastructure management
- LAN/WAN design and management
- Systems/Networks design and administration
- Unix systems administration

Graduate Teaching Assistant (part-time)   Feb 2021 – Present
University of Glasgow   *Glasgow, UK*

- Web application development with Python-Django framework
- Providing technical support to students in troubleshooting Windows, Mac/Unix, and Linux systems
- Systems and Networks tutorial for Masters level students
- Practical and theoretical teaching of Information Technology course for MSc
- Technical writing, documentations and white papers writing

Lecturer - System Administrator   May 2012 – December 2019
Federal University Lafia   *Lafia, Nigeria*

- Linux/UNIX system administration and teaching
- Troubleshooting Windows clients' network connectivity issues
- Configuring and troubleshooting routers and switches for LAN/WAN connectivity
- Network cabling for Cisco systems connectivity

Technical Customer Support Representative   March 2011 – May 2012
Airtel Telecoms   *Abuja, Nigeria*

- Processing technical service requests from subscribers
- Serving as a tier 1 skilled service desk personnel in incident management
- Carrying out hierarchical escalation to tier 2 support engineers for resolution as part of incident management when needed
- Proffering solutions to subscribers that are having a disruption with service delivery, based on SLA
- Placing outbound calls to subscribers as part of efforts to follow up on incident status

Technical Skills

Scripting: Python & Bash
Cloud and Automation : AWS, Ansible, Terraform
Networking : LAN, WAN, VPC, Subnetting, Switching, VLANS
Frameworks: Django, Docker
Operaing Systems : RedHat Linux 8, Ubuntu Server, CentOS 7 & 8, macOS, Windows
Developer Tools: Git, Python, Django, HTML, CSS, MySQL
Applications: Latex, Wireshark, VMWare, VirtualBox, Visio
Libraries: NetworkX, Requests, Numpy, Matplotlib

University Education

University of Glasgow
PhD. Computing Science
Glasgow, Scotland, UK
Jan 2020 to June 2023
- Network Function Virtualization (NFV)
- Software-defined Networking (SDN)

University of Hertfordshire
Msc. Computing Science
Hertfordshire, England, UK
July 2014 to Jan 2016
- Software Development
- Systems modeling & design

University of Maiduguri
Beng. E & E Engineering
Maiduguri, Nigeria
April 2004 to Dec 2009
- Data communications and networks
- Electronics circuit design

IT Certifications

Amazon Web Services (AWS) Solutions Architect − Associate
In View
Amazon Inc.
Seatle, USA

Amazon Web Services (AWS) Cloud Practitioner
July 2022
Amazon Inc.
Seatle, USA

Cisco Certified Network Professional (CCNP R & S)
Feb 2011
Cisco Systems
San Francisco, USA

Projects

Testbed design and evaluation of NFV frameworks | *SDN, NFV, UNIX, OpenFlow, Docker*
June 2021
- Performance evaluation of virtual network functions
- Real testbed design on commodity servers (UNIX)
- KVM server virtualization

Home Automation API - Java | *JAVA, OOP*
October 2014
- Smarthome API using OOP design concepts

Network and Server Penetration Testing | *Unix, Windows, Server Security*
November 2016
- Pentest lifecyle on Linux and Windows Servers

Selected Publications

Performance Benefits of Heterogeneous VNF Execution Frameworks
July 2022
IEEE NetSoft 2022 Conference – View publication
Milan, Italy

NFV & SFC Frameworks: a Comprehensive Review of Challenges
Feb 2022
MDPI Future Internet Journal – View publication
Basel, Switzerland