

# SAMSON IDOWU

Infrastructure & Security Engineer

Abuja

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## CAREER OBJECTIVE

A highly skillful, motivated and result-oriented IT professional, with keen interest in ease of business processes using technological innovation and automated processes. Aims to ensure the integrity of business assets using technical, management, and operational controls with compliance to adopted security standards.

## CORE COMPETENCIES

**AUTOMATION/INVENTORY:** PDQ Deploy, PDQ Inventory, Lansweeper

**CLOUD:** Azure, AWS

**WINDOWS:** Windows 10/11, Windows Server, Active Directory,

**LINUX:** Ubuntu, Kali, CentOS

**NETWORKING:** Routing and Switching, NATing, Firewalling, DHCP, DNS, NPS

**NETWORK TOOLS:** Wireshark, WhatsUp Gold, PRTG Monitor, Putty, Angry IP scanner

**SECURITY:** Kali Linux, Nmap, Nessus, Tcpdump, Snort, Burp Suite, Aircrack-ng, Nexpose

**SIEM:** Elastic Stack, Wazuh, Security Onion, FortiSIEM

**VIRTUALIZATION:** Hyper-V, VmWare Workstation & ESXi, Virtual box

**OTHER TOOLS:** Github, Backlog, Trello, Confluence, MS Word, MS Excel, MS Power Point, Putty, Photoshop CC

## WORK EXPERIENCE

### IT Infrastructure and Security Engineer

Hardcore Biometric Systems | Abuja, NG

November 2021 – Present

- Administration of operating environments (windows & linux) on bare-metal and cloud platforms.
- Improving vulnerability assessment score by performing vulnerability scans and patch activities.
- Installation and configuration of network and security devices including; Firewalls, IDS/IPS, Routers, Switches, WAPs.
- Responding to security events and incidents from Intrusion Detection Systems (IDS), SIEM and other data sources.
- Leading infrastructure design tasks and research projects.
- Ensuring end-user systems and servers within network are patched in accordance with security policies and procedures, mitigating risks associated with identified vulnerabilities.
- Technical analysis and proactive monitoring of network and security logs using; ELK, Wazuh and Capsa.

- Documenting implementations and configurations approved by change management control.
- Performing incident response activities based on data center availability, network and security within SLA.
- Performing routine check of all connectors / log sources to ensure log aggregation is functional.
- Suggesting and implementing infrastructure enhancements to improve security in compliance to NIST and ISO2700 frameworks.

## **Technical Support Engineer**

Zeta-Web Nigeria Limited | Abuja, NG

December 2019 – October, 2021

- Technical analysis of network health using PRTG Network Monitor, WhatsUp Gold, Riverbed Steel Head.
- Ensured systems patch compliance was at 100% across 400+ end user systems within organization's network to mitigate risks associated with identified vulnerabilities.
- Interpreted data provided by logging tools, working cross-functionally with vendors to form a hypothesis for the root cause analysis of an incident.
- Performed proactive monitoring of network and incident response activities, including power remediation and bandwidth optimization, thereby reducing service downtime by 89%.
- Managed and resolved onsite and remote technical queries related to network, enterprise applications and endpoints.
- Used Microsoft Active directory to ensure adequate user identity and access management.
- Assisted external consultants and vendors during audits and periodic infrastructure maintenance, providing support and remediating exceptions raised.
- Ensured baseline configurations are maintained and approved upgrades are implemented on firewalls, load balancers, proxy and servers.

## **IT Technician / Service Desk**

Multi-Choice | Port Harcourt, NG

August 2019 – December, 2019

- Worked as part of a 3-man team to provide application, network and hardware support to 140+ end users, reducing employee idle time by over 75%.
- Visited and oversaw remote sites to provide maintenance and upgrade of systems.
- Maintained user management, identity and access control infrastructure using Microsoft Active Directory.
- Logged requests on CRM and other ticketing applications to ensure timely resolution of IT requests within SLA.
- Provided network support to end users, liaising with 3rd party vendors to ensure timely resolution of WAN and VSAT links.
- Performed commissioning of new IT equipment and decommissioning of old equipment including servers, switches, routers, UPS systems, and power inverters.
- Maintained IT asset inventory to help the business better manage systems, software, and licenses.

## Customer Service Representative

Multi-Choice | Abuja, NG

December 2018 – July, 2019

- Collaborated with a team of 30 persons to drive GOTV marketing campaigns which resulted in the sale of 13,700 GOTV devices over a period of 9 months.
- Confer with customers by telephone or in person to provide information concerning products and services.
- Completed package step-up/ promotion campaigns which drove over 55% increase in subscriber base over a period of 4 months.
- Led a 5-man team to effectively carry out DSTV reconnection campaigns by calling out to churning customers.

## PROJECTS

- **Design of Nigerian Police Active Directory Infrastructure**

I designed the Nigerian Police active directory infrastructure with multiple domain controllers in 5 regions powered by the AD sites and services feature. The AD infrastructure serves the Nigeria Police Crime and Incident Data Center (NPCIDC) as it provides LDAP integration for police software authentication.

- **Installation and Configuration of PRTG Network Monitor**

I installed and configured PRTG instances on Hardcore Biometric Systems and Nigerian Police Data Centre infrastructures to ensure proactive monitoring of mission critical systems while providing email alerts.

- **Deployment of Wazuh – For HIDS**

I implemented the Wazuh solution as a single node cluster on the hardcore biometrics infrastructure as endpoint SIEM to improve the organization's security posture.

- **Integration of Sophos Firewall as Web Proxy**

I deployed Sophos firewall in Multichoice (Maiduguri) network as replacement for Pfsense proxy server. I configured all http/https traffic rules and web content filters in-line with the organization's policy.

- **For more projects, refer to: <https://samsonidowu.netlify.app/>**

## CERTIFICATES

Oracle PPM Cloud 2018 Presales Specialist	June, 2020
Oracle Cloud ERP - Risk Management 2021 Sales Specialist	January, 2021
Oracle Project Management cloud 2020 Sales Specialist	January, 2021
CompTIA Security+ CE	May, 2021
Microsoft Azure Fundamentals	July, 2021
Microsoft Security, Compliance and Identity Fundamentals	July, 2021
Fortinet NSE 1 Network Security Associate	March, 2022

Fortinet NSE 2 Network Security Associate  
Fortinet NSE 3 Network Security Associate

April, 2022  
April, 2022

## **EDUCATION**

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**B.Eng. Computer Engineering (Second Class Honors)**  
University of Uyo, Akwa-Ibom, Nigeria.

2012-2017

## **INTERESTS**

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Networking | Cybersecurity | Politics | Cloud Computing | Cryptography | DevOps | Music | Tourism | Video Games