

James Lentawuan Saidimu Basele

Network and Information Security

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Objective

I am a results-oriented professional with a degree in Information Systems and Knowledge Management. My academic background has equipped me with a solid foundation in the principles of information technology and its strategic applications. I am particularly passionate about network engineering and information security, areas where I have dedicated my efforts to continuous learning and professional development.

I have successfully completed the Cisco Certified Network Associate (CCNA) certification, demonstrating my proficiency in networking concepts and technologies. Additionally, I hold the ISC2 Certified Cybersecurity designation, reflecting my commitment to staying at the forefront of information security practices.

Throughout my academic and professional journey, I have gained hands-on experience in network design, implementation, and optimization. My passion for information security has led me to actively seek opportunities to enhance the resilience of digital systems against cyber threats.

Education

 **Masinde Muliro University of Science and Technology, Kakamega.**

BACHELOR OF SCIENCE (INFORMATIONSYSTEMS AND KNOWLEDGE MANAGEMENT)

September 2017 to December 2021.

Second class Lower Division

In my four years of diving into IT I covered a couple informative courses which include:

- Information Security and Assurance.
- Project Management and Software Development Life Cycle (SDLC).
- Management Information Systems (MIS).
- Database Administration and Relational Databases.
- Knowledge Management and Knowledge-based Systems.
- Business Intelligence (BI)
- Intelligent Systems, Artificial Intelligence (AI) and Intelligent Agents.
- Human Computer Interaction.
- Strategic IT Management (Strategic Management of Information system).
- Content Development and Content Management Systems (CMS).
- Information System Audit.

Africa Advanced Level Telecommunications Institute, Nairobi

CISCO CERTIFIED NETWORK ASSOCIATE (CCNAv7)

Oct-2020-April 2021.

I learnt how to:

- Configure single-area OSPFv2 in both point-to-point and multiaccess networks.
- Implement standard IPv4 ACLs to filter traffic and secure administrative access.
- Configure NAT services on the edge router to provide IPv4 address scalability.
- Implement protocols to manage the network.
- Configure VLANs and Inter-VLAN routing applying security best practices.
- Troubleshoot inter-VLAN routing on Layer 3 devices.

- Configure redundancy on a switched network using STP and EtherChannel.
- Troubleshoot EtherChannel on switched networks.
- Configure dynamic address allocation in IPv6 networks.
- Configure WLANs using a WLC and L2 security best practices.
- Configure switch security to mitigate LAN attacks.
- Configure IPv4 and IPv6 static routing on routers.

SECONDARY LEVEL

Sakuu High, Marsabit. 2013-2016

KCSE Mean Grade B-

Skills

Communication skills, Leadership, Customer service, Time management, Active Directory, SQL Server Management Studio, SQL, Network Protocols, Network Security, Computer networking, switching and routing protocols (EGRP, BGP, OSPF).

System Administration (Windows Server 2012 R2 Installation and configuration).

Microsoft excel, word, access and power point. Power BI and Tableau.

Programming Technologies: (**Java, PHP, JavaScript**).

Continuous learning skills, Problem solving skills, interpersonal and analytical skills

Experience



Network Technician

IP River LTD

Aug 2023 - Present (10 months)

At IP River Limited I am part of a team that does configuration, installation and maintenance of radware load balancers at seven different data centers. Six of Safaricom datacenters and three for CBK, two of our big clients. I was part of a team that participated in DMZ redesign at Safaricom.

Monitored client applications performance using Radware's cyber-controller. Creating reports on device performance and suggesting recommendations. Ensuring high availability of services by use of protocols such as VRRP and GSLB. Diagnosing faults, performing restoration and finding root cause analysis. Troubleshooting layer 1-7 issues using sniffers and protocol analyzers such as Wireshark and fiddler. Providing consultancy, advise and technical support to customers on various issues touching on the subject products, locally and remotely. Skills gained:

- Computer Networking
- Network Troubleshooting
- Network Security Implementation
- Network Services.
- Project Planning.
- IT Project Implementation
- SSL Certificates
- Virtual Private Network (VPN)Virtual Private Network (VPN)
- Technical Support
- Team Collaboration



Information Technology Intern

Optimax Group Limited

Jun 2021 - Sep 2021 (4 months)

At optimax ltd i was privilege to work with skilled men. Got hands-on skills on:

- Network troubleshooting

- LAN design.
- Technical support
- Provided customer support. Network troubleshooting.
- Cisco routers and Catalyst switches.
- Routing protocols. BGP, OSPF and EIGRP.
- Wireless router installations and configuration.



Intern

Masinde Muliro University of Science and Technology

May 2019 - Aug 2019 (4 months)

Attended three-month industrial attachment at Masinde Muliro University under the school of Computing and Informatics. During the workshop we covered:

- Documentation and presentation.
- Help-Desk and Maintenance. ACM codes and Ethics.
- LAN infrastructure design and Implementation.
- Cisco switches and routers basic configurations.
- Network Subnetting, Ethernet cabling and network configuration using Cisco Packet Tracer.
- Database Administration (Triggers, Views, stored procedures). SQL, DBMS and MariaDB.
- System Administration (Windows Server 2012 R2 Installation and configuration) and basic of Linux operating system.

Licenses & Certifications



Introduction to Cybersecurity - Cisco



(ISC)² Candidate - ISC2

Issued Aug 2023 - Expires Aug 2024



Cisco Certified Network Associate – Cisco

References

Dr. Odawa 0728619603, Senior Lecturer at Masinde Muliro, IT Department.

Eng. Collins Mitei, colins.mitei@ipriver.co.ke 0724658044, Senior Network Engineer IP RIVER LTD.

Mr. Kevin Ochieng 0710189568, Network Engineer Optimax LTD.