

SANDRA CHELANGAT

Kenya | +254727325478
chelangatsandra51@gmail.com
LinkedIn : [Sandra Chelangat](#)

PROFESSIONAL SUMMARY

Dedicated Cybersecurity Analyst and AWS Certified Practitioner with a proven track record of designing, implementing, and managing complex network security infrastructures. Proficient in conducting digital forensics, system log analysis, and incident response to safeguard organizational assets. Skilled in implementing security measures, performing internal audits, and ensuring compliance with industry standards and regulations. Adept at utilizing a variety of cybersecurity tools such as Nmap, Nessus, and Wireshark to enhance network security and protect sensitive information. Strong communicator with a proven track record of collaborating with cross-functional teams to strengthen web application security, support network administration, and deliver comprehensive technical reports. Committed to continuous learning and staying updated with the latest cybersecurity trends and technologies to proactively address potential vulnerabilities. Eager to contribute to a dynamic team and gain practical experience in designing, implementing, and managing secure solutions.

EXPERIENCE

APRIL 2024 – AUGUST 2024

JUNIOR DIGITAL FORENSICS ANALYST, WHTA NETWORKS

- Participated in a simulated incident response exercise, demonstrating the ability to analyze and respond to security incidents.
- Contributed to the development of an incident response plan for a hypothetical organization.
- Enhanced system security and network administration: Designed and implemented a robust network security architecture, reducing security vulnerabilities by **25%** and protecting critical infrastructure and sensitive data.
- Troubleshooting technical issues remotely including Linux; reducing incident resolution time by **20%**.
- Conducted regular security assessments and vulnerability scans, identifying and mitigating **30%** more potential threats than the previous year.
- Monitored network traffic using tools like Wireshark, detecting and analyzing suspicious activity.

MAY 2023 – AUGUST 2023

ATTACHEE, PARLIAMENTARY SERVICE COMMISSION

- Troubleshooting: Resolved technical issues including Linux, identified root causes, and implemented effective solutions reducing user downtime by **15%**.
- Conducted a security audit of a simulated network, identifying potential weaknesses and recommending mitigation strategies.
- Configured and implemented firewall rules to enhance network security, reducing potential attack vectors.

- Customer Service: Provided timely and effective support to end-users, managed customer expectations, and improved customer satisfaction by **10%**.
- Enhanced IT support efficiency: Handled help desk management, web-conferencing, and network administration, reducing support ticket resolution time by **25%**.

MAY 2022 – AUGUST 2022

INDUSTRIAL ATTACHMENT, PARLIAMENTARY SERVICE COMMISSION

- Improved IT support efficiency: Provided day-to-day IT user support and help desk management, reducing user downtime **15%**.
- Monitored network traffic using tools like Wireshark, detecting and analyzing suspicious activity.
- Participated in a simulated incident response exercise, demonstrating the ability to analyze and respond to security incidents
- Optimized system performance: Configured computers and installed software, increasing system boot time by **20%**.
- Enhanced network security: Collaborated with the team to provide network security and administration, reducing network downtime by **10%** and preventing 5 security breaches.
- Identified and addressed user needs: Researched additional requirements for existing systems, implementing 3 new features that increased user satisfaction by 15%.
- Ensured data integrity: Backed up the Dspace repository and documented restoration procedures, reducing data loss risk by 50%.
- Collaborated in research: Authored and presented technical reports, increasing team knowledge base by 15%.

EDUCATION

2023

BACHELOR OF SCIENCE IN COMPUTER SECURITY AND FORENSICS, KABARAK UNIVERSITY

Graduated with Second class Honors - Upper Division (GPA 3.5)

SKILLS

- Networking and Network Security
- Linux: Troubleshooting, system administration, log analysis
- Cloud Computing: AWS
- Python and Bash
- Virtualization: VirtualBox and Linux
- Technical Cybersecurity Reporting
- Vulnerability Assessment and Reporting
- Governance, Risk and Compliance
- IT User support
- Strong problem-solving and analytical skills
- Time management and prioritization skills
- Ability to work independently and remotely
- Quick learner with a strong desire to learn
- Excellent Communication skills
- Network Protocols
- Web Applications Security
- Incidence Response
- Jira and Bitrix24
- Cross Platform Collaboration and Teamwork

ACTIVITIES

Member of Enactus Club, Kabarak University. Represented the University in Enactus Bic Competition 2022.

RELEVANT SHORT COURSES

[AWS Certified Cloud Practitioner - AWS RE/START](#)

September 2024 - December 2024

Modules Covered:

- Networking and Linux • Python and Databases • Process Automation • AWS Cloud Architecture

[Cybersecurity Bootcamp - WHTA NETWORKS](#)

February 2024 - April 2024

Modules Covered:

- Networking Security • Digital Forensics

CERTIFICATIONS

[AWS Certified Cloud Practitioner](#)

[Engaging Stakeholders for Success - Issued by Cisco](#)