MUTONGA ROMEO

IT Professional

Cybersecurity | Computer Hardware and Software Fault Diagnosis | Network Hardware Installation

| IT Support |

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LinkedIn Profile: https://www.linkedin.com/in/romeo-mutonga-31a5761ba/

Github: https://github.com/jezreel-x

Portfolio: https://cybersec-portfolio.netlify.app/

PROFESSIONAL PROFILE

Results-driven Cybersecurity Analyst with 1+ year of experience in Vulnerability Assessments, Penetration-testing, Threat and Malware Analysis and Incident Response with a proven track record of developing and implementing impeccable security measures.

Seeking to leverage my skills, knowledge and expertise gained through course-work and relevant work experiences, in your company, to solve real-world problems by protecting critical digital assets, enhancing security operations and improving the overall security health of the company's systems.

Skills:

- **Technical Skills:**

  - Intrusion Detection and Prevention.

  - Malware | Threat Analysis | Risk Analysis

  - Cryptography

  - Penetration Testing, Vulnerability Assessments and Automation Testing.

  - Network and Security protocols such as *Firewalls, Incident Response etc*.

  - Programming languages such as *Python, JavaScript*.

- **Tools & Software**

  - Linux, Wireshark, Metasploit framework, Nessus, Burp Suite, IPS, Splunk, IBM QRadar, Cisco ASA Firewalls

- **Soft Skills**

  - Strong Communication Skills, Team-work, Problem-solving Skills, Analytical Skills, Time

Management, Adaptability

WORK EXPERIENCE

Bata Shoe Company, Kenya PLC

Cybersecurity Analyst

October 2024 – January 2025

Key Responsibilities & Achievements

- Conducted penetration testing and vulnerability assessments using Kali Linux to identify potential security loopholes and vulnerabilities in the organization's systems and through patching them, I improved the overall security posture by 30%.
- Installation of anti-virus software on all staff members' computer systems to mitigate the risk of malicious software to their systems thus reducing any potential malware infection in computer systems by 20%.
- Backing up of data and other vital data processes to other storage areas such as the cloud which mitigated the risk of losing data in case of an unprecedented data breach or data compromise.
- Contributed to the design and deployment of a robust networking solution, including routers, switches, and firewalls, resulting in a 20% reduction in network downtime.
- Developed Python scripts to automate security operations and tasks hence improving efficiency.

Qwarqo Inc.

Cybersecurity Consultant & Analyst | Volunteer

May 2023 – June 2024

Key Responsibilities & Achievements

- Conducted a thorough risk and vulnerability assessment on the company's website, identifying and mitigating risks which helped tremendously in reducing unprecedented threats such as Distributed Denial of Service (DDoS) attacks, cross-site scripting or even SQL Injection attacks.
- Implemented the use of Cisco ASA firewalls to filter wanted and unwanted traffic for the website which helped shield the website from malware attacks.
- Conducted code reviews and pair programming sessions to ensure high quality output.
- Collaborated with cross-functional teams to implement security measures and solutions.

NSSF attache

Systems Security

May 2022 - Sep 2022

Key Responsibilities & Achievements

- Contributed to the design and deployment of a robust networking solution at the National Social Security Fund (NSSF), including LAN/WAN architecture, routers, switches, and firewalls, resulting in a 30% reduction in network downtime.

- Utilized SIEM tools such as Splunk to analyse company's security needs and evaluate security solutions which in turn helped improve the ability to detect and respond to security threats by 30%.

- Conducted regular security awareness training sessions for employees at NSSF, significantly reducing the occurrence of social engineering attacks and enhancing the overall security posture of the organization.

- Conducted regular vulnerability assessments and penetration testing to identify and patch any security loopholes which in turn increased the organization's security posture by 30%.

- Upgraded the organization's system infrastructure by integrating intrusion detection and prevention technologies achieving a 30% improvement in network and systems security.

- Collaborated with cross-functional teams to implement robust security controls and policies enhancing alignment between security, IT and organization's business objectives.

- Installed anti-virus software for company staff members which helped remediate possible security threats by 35%.

- Presented security audit updates to the IT manager, translating technical risks into business impact.

EDUCATION

Bachelor of Science in Information Technology

The Co-operative University of Kenya

2019 – 2023

CERTIFICATION & COURSES

Certification: Cybersecurity: White-Hat Ethical Hacking (Pirple)

Courses: Cryptography | Computer Forensics | Network Security | Pen-testing

(GeeksForGeeks, simpliLearn, Coursera, freecodeCamp, w3Schools)

PROJECTS

Network Security Enhancement Project (School Project)

- Implemented network security measures to protect sensitive data.

- Conducted pen-testing and vulnerability assessment to identify security holes and recommend improvements

- Created a comprehensive report outlining best security practices and recommendations

Developed a Reverse Shell Program (Personal Project)

- Created an Automated Python script (as part of vulnerability assessment and pen-testing purposes) for a reverse shell program that allowed one to remotely access a Windows machine covertly.

REFERENCES

Alex Maragia | Business Analyst | Tel: +254 722 111 998 | Email: maragia.a@nssfkenya.co.ke

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