NJIRU BENSON KAMOTHO

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in https://www.linkedin.com/in/benson-kamotho |

PROFESSIONAL SUMMARY

A highly motivated and detail-oriented third-year Cybersecurity student passionate about network security, penetration testing & ethical hacking, and risk assessment. Eager to apply my skills in a dynamic, innovation-driven environment. Quick learner with strong problem-solving abilities and a commitment to digital security.

SKILLS & COMPETENCIES

- ☑ Cybersecurity Fundamentals – Network security, ethical hacking, penetration testing
- ☑ Risk Assessment & Mitigation – Vulnerability scanning, threat analysis
- ☑ Digital Forensics – Investigating security incidents
- ☑ Programming & Scripting – PHP, Python, Bash, JavaScript (basic)
- ☑ Operating Systems – Linux (Kali), Windows Server
- ☑ Security and Forensics Tools – Wireshark,Tshark, Metasploit, Burp Suite, Nmap, Nessus, guymager, autopsy, volatility framework

EDUCATION

Bachelor's Science Degree in Computer Security and Forensics (Ongoing, 3rd Year)
Meru University of Science and Technology
(Expected Graduation: 2026)

Relevant Coursework:
- Ethical Hacking & Penetration Testing
- Network Security & Cryptography
- Digital Forensics & Incident Response
- Threat landscape & Risk Management

PROJECTS & PRACTICAL EXPERIENCE

Penetration Testing Simulation
- Conducted vulnerability assessment on a virtual network using Kali Linux tools.
- Identified security flaws and provided recommendations for mitigation.

Capture The Flag (CTF) Challenges
- Participated in CTF competitions to enhance practical hacking skills (MetaCTF, Perfectroot, Try Hack Me, PicoCTF, Cyberdefenders)
- Solved security challenges in web exploitation, cryptography, and reverse engineering.

-Pseudo name: 4n0nym455

Network Security Lab Project
- Designed and implemented a firewall and intrusion detection system with cisco packet tracer
- Configured Snort IDS to monitor and analyze network traffic for threats.

CERTIFICATIONS & TRAINING

- **Operating System – Cisco Networking Academy**

- **MetaCTF – metactf 2024**

- **Email Security – Udemy**

- **Introduction to Threat Landscape – Fortinet Training Institute**

- **PHP tutorial Beginner to Advance – Udemy (in-progress)**

-Hands-On SQL Server, Management Studio, SQL Queries and Azure Studio – Udemy (in-progress)

-Basics of Cloud Computing – Udemy (in-progress)

EXTRACURRICULAR ACTIVITIES & LEADERSHIP

- Cybersecurity Club Member, [Meru University Of Science and Technology] – Participated in workshops and hands-on training.

- CTF player at tryhackme.com

LANGUAGES

- English (Fluent)
- Swahili (Fluent)

REFEREES

Dr. Mary Mwadulo - +254724789102 mmwadulo@must.ac.ke

Dr. Dorothy Bundi - +254721341185 dbundi@must.ac.ke

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