WAREGA MOSES

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PROFILE SUMMARY

A Bachelor of Science in Informatics graduate from Moi University with a strong dual specialization in software engineering and network security. Recently completed a cybersecurity certification to enhance my network defense and ethical hacking skills. Proficient in both developing secure, scalable software applications and designing resilient network infrastructures. Keen to pursue a career that merges software engineering and network security, focusing on building secure applications and protecting networks from emerging cyber threats

EDUCATION

Moi University | Eldoret, Kenya *01|05|2021 – 19|12|2024*
Bachelor of Science in Informatics
Graduation: December 19, 2024
Grade: Second Class Upper Division
Key Modules: Network Security, Cryptography, Software Engineering, Cloud Computing
Dissertation: "Designing Secure and Scalable Network Infrastructures for Small Businesses"
Award: Dean's List, 2024

CERTIFICATIONS

Cybersecurity & Networking – Cisco Networking Academy

- Cyber Threat Management – *Jan 13, 2023*
- Cybersecurity Pathway – *Mar 3, 2023*
  Endpoint Security – *Feb 13, 2023*
- Introduction to Cybersecurity – *Dec 27, 2022*
- Network Defense – *Feb 11, 2023*
- Network Addressing & Basic Troubleshooting – *Jan 18, 2023*
  Networking Devices & Initial Configuration – *Feb 22, 2023*
- Operating System Basics – *Feb 5, 2023*
- CCNA 1, 2, 3 – *Africa/Middle East Region (Instructor-Signed)*
- Python Essentials 1 & 2 (in collaboration with OpenEDG Python Institute)

Web Development – Udemy

- CSS, JavaScript, and PHP Complete Course for Beginners – *Mar 8, 2023*

Other Certifications

- Cybersecurity & Ethical Hacking – *Oct 2024*
- Introduction to Data Science – *Jan 27, 2023*
- Certificate of Participation – Three-week training on innovative technologies (UNESCO, KNATCOM, IODE & Moi University) – *Jan 29, 2024*

WORK EXPERIENCE

IT Intern
Masinde Muliro University of Science and Technology (MMUST) | Kakamega, Kenya
Jan 16, 2023 – Jun 28, 2023

- Supported the IT team with technical troubleshooting and daily maintenance tasks
- Assisted in software installations, account setups, and network configuration
- Maintained documentation of IT assets and support tickets
  Applied cybersecurity best practices in securing user data and systems
- Strengthened skills in Linux environments, networking, and user support
- Contributed to the development of the Attachés Management System, improving how student internship data is managed

IT attaché (IT Department)
Masinde Muliro University of Science and Technology (MMUST) | Kakamega, Kenya
May 15, 2024 – Oct 20, 2024

- Assisted in configuring, monitoring, and maintaining campus network infrastructure and servers
- Helped resolve user system and network issues across departments
- Participated in regular system backups, updates, and cybersecurity checks
- Gained practical experience with firewalls, switches, and system administration tools.

VOLUNTEERING

Moi University Muslim Students Association (MUMSA) | Eldoret, Kenya   17/01/2024 - present
- Created and managed the official website: moimuslim.com
- Worked with the IT team to improve design, content, and security
- Gained skills in web development and teamwork

Google Developer Student Club (GDSC) | Eldoret, Kenya   15/02/2022 - 19/12/2024
- Attended tech workshops and coding sessions
- Participated in group projects and events
- Improved coding and collaboration skills

ACHIEVEMENTS

Winner Tech4Impact Challenge, Moi University | 2023

- Part of the winning team that developed a digital solution addressing youth unemployment
- Recognized for innovation, impact, and presentation during the hackathon

ADDITIONAL SKILLS

Languages: English (Fluent), Swahili (Fluent)
Microsoft Office: Proficient in Word, Excel, and PowerPoint
Software Engineering: Skilled in Python, Java, SQL, full-stack development, and secure coding practices
Network Security: Experienced with firewalls, VPNs, penetration testing, vulnerability assessments, and network monitoring tools (Wireshark, Nmap, Kali Linux)
Cloud: AWS (Certified), Cloud infrastructure security and management

HOBBIES & INTERESTS

Developing secure software applications
Exploring network vulnerabilities and security tools
Participating in CTF challenges and ethical hacking labs
Independent learning through books, courses, and tech blogs