

# PHILIP MWANGI

## Cyber Security Analyst

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### Career Objective

Aspiring cybersecurity professional pursuing a Diploma in Cybersecurity, with hands-on experience in penetration testing, vulnerability assessments, cyberforensics, and secure web development. Passionate about identifying security risks, implementing countermeasures, and contributing to the protection of digital assets.

### Websites, Portfolios, Profiles

- <https://github.com/nimwangibana>
- [www.linkedin.com/in/mwangiwav](http://www.linkedin.com/in/mwangiwav)

### Technical Skills

Network security monitoring  
Threat detection and analysis  
Log analysis and traffic analysis  
Firewall configuration and monitoring  
Endpoint security  
Malware analysis basics

### Experience

**Intern**, 01/2025 to 01/2026

#### Institute of Software Technologies

- Analyzed problems and worked with teams to develop solutions.
  - Gained hands-on experience in various software programs, increasing proficiency and expanding technical skill set.
  - Prepared project presentations and reports to assist senior staff.
  - Prepared comprehensive reports summarizing data analysis findings, informing key decision-makers.
- Summarized data analysis findings for decision-makers.  
Assisted staff with daily tasks to reduce workload.  
Applied learned concepts in relevant work situations.

## Education

- **Diploma:** Cybersecurity, 01/2026 – Institute of Software Technologies
- **Certificate:** Cybersecurity, 01/2024 – Institute of Software Technologies

## Project

- Worked on an **Intrusion Detection System (IDS)** using Snort to detect network attacks.
- Monitored traffic, created custom rules, analyzed alerts to improve security.
- Conducted penetration testing on **OWASP Juice Shop** to exploit and document the 10 OWASP vulnerabilities and suggested mitigations.
- Developed a **personal portfolio website** hosted on GitHub to showcase projects, skills, and technical accomplishments.

## Languages

- **English:** Full Professional proficiency
- **Swahili:** Full Professional proficiency

## Certifications

- Certificate in Cybersecurity – Institute of Software Technologies

## Professional Attributes

- Strong analytical and problem-solving skills
- Detail-oriented and methodical in investigations
- Quick learner, adaptable to new technologies
- Effective communicator and team player