

# GRACE MAWIA MUTUNDA

0112 260 078

mawiag411@gmail.com

## Career Profile

I am a passionate and adaptable cybersecurity engineer currently expanding my skill set in software engineering. I bring a strong foundation in digital forensics, threat intelligence, and secure system design, with hands-on experience in networking and hardware support. I'm driven by curiosity and committed to building secure, scalable, and innovative digital solutions. Actively learning modern software development tools, frameworks, and best practices to strengthen my ability to build end-to-end systems.

## Education

### BSc in Computer Security and Forensics

*Meru University of Science and Technology*

2020 – Present

Complementing this degree with ongoing training in software engineering, including full-stack web development, version control, and software design principles.

### Cybersecurity Certificate

*Cybersafe Foundation*

March 2023 – October 2023

### Kenya Certificate of Secondary Education (KCSE)

St Anne's Muthale Girls

2017 – 2021

Grade: B+

## Work Experience

### Industrial Attachment – ICT Intern

*Posta Kenya*

May 2024 – August 2024

### Key Responsibilities:

- Provided hardware and software support across departments
- Assisted in network design, setup, and troubleshooting

- Configured and deployed new hardware systems
- Gained exposure to organizational IT infrastructure and helpdesk support

## Projects

### **Cracked Software Detection System** (*Final Year Project*)

Developed a system to detect cracked software and prevent software piracy through behavioral analysis and file monitoring.

### **Secure File Storage System** (*Group Project*)

Created a system using hashing and cryptographic techniques to securely store and protect files from unauthorized access.

## Technical Skills

- Secure Software Development (in progress)
- Networking & System Security
- Digital Forensics & Threat Intelligence
- Hardware & Software Troubleshooting
- Python, SQL, HTML/CSS, JavaScript (beginner)
- Penetration Testing (basic knowledge)
- Git & GitHub (version control)

## Ongoing Learning

- Full-Stack Web Development (HTML, CSS, JavaScript, Flask)
- Object-Oriented Programming & Software Design
- Secure Coding Practices
- Git, GitHub & Collaborative Development
- Responsive Design & User-Centered Interfaces

