

# SAMUEL OKOTH OMULO

## SOFTWARE DEVELOPER

### OBJECTIVE

A highly motivated and results-driven software developer with a strong academic background in **computer security and forensics** and hands-on experience in **software development**. Skilled in **Go programming, full-stack development**, and **cloud technologie**, I am committed to delivering efficient, scalable solutions. With a focus on continuous learning and problem-solving, I seek to contribute to innovative projects and collaborate with cross-functional teams to drive organizational success.

### WORK EXPERIENCE

#### Apprentice software developer

Zone01 kisumu, Kisumu

8 months

- **Developed and maintained web applications** with guidance from peers, enhancing skills in full-stack development and software engineering practices.
- **Engaged in peer-to-peer learning**, sharing knowledge and best practices with fellow junior developers to improve team productivity and code quality.
- **Collaborated on various projects**, focusing on backend development, bug fixing, and testing to ensure smooth project delivery.

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📍 kisumu

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🐙 <https://github.com/somulo1>

### SKILLS

- Network Security Management
- software developer
- Digital Forensics
- Incident Response
- Data Protection
- Vulnerability Assessment
- Security Auditing
- Forensic Analysis Tools
- Report Writing
- Collaboration with Law Enforcement
- Risk Assessment

### EDUCATION

Degree

## IT Technician

ICT Authority, Kisumu

4 months

- Managing NOFBI1 network;
- Configured and optimized network hardware and software, leading to a 20% improvement in overall network performance.
- Troubleshoot and resolve network connectivity issues, ensuring minimal downtime and efficient data flow.

4 years

Bachelor of science in  
computer security and  
forensics

## CERTIFICATION

### ETHICAL HACKING - CISCO

- **Organization:** CISCO
- **Date:** July 2024

### Introduction to Cybersecurity

- **Organization:** CISCO
- **Date:** July 2024

### Junior Cybersecurity Analyst - CISCO

- **Organization:** CISCO
- **Date:** August 2024

## PUBLICATIONS

### 1. Unleash the Power of Passwords in DevOps

- **Platform:** Dev.to
- **Date:** 14th OCT 2024
- **Summary:** This blog explores effective password management practices in DevOps environments, covering organizational, personal, and community-level password policies to enhance security.

### 2. How to Hash Passwords Securely Using SHA-256 in Go

- **Platform:** Dev.to
- **Date:** 12th Nov 2024
- **Summary:** A detailed guide that explains how to implement the SHA-256 hashing algorithm in Go, including code snippets and explanations for developers looking to secure data using this cryptographic function.