

# FABIUS LIHANDA ACHEVI

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## PROFESSIONAL SUMMARY

Proficient Cybersecurity Analyst and Researcher with a strong foundation in threat detection, system security, and risk assessment. Skilled in DevOps practices and full-stack web development with a focus on secure application design. Experienced in working with tools such as Python, Flask, Django, SQL, and cloud platforms like AWS. Passionate about applying technical expertise to enhance security, automation, and resilience in modern IT environments.

## KEY COMPETENCIES

### Technical skills

Cyber security  
Data Analysis and Visualization  
Data Science  
Web Security and Development  
Python Programming  
Devops  
R Programming  
SQL

### Soft skills

Leadership and Project Management  
Research and Development  
Teamwork Collaboration and Communication  
Adaptability  
Ethical Mindset  
Detail-oriented  
Strong Analytical skills

## PROFESSIONAL EXPERIENCE

### Everything Operations (EveOps)

Aug 2025 - Present

#### Co-Founder & Community Coordinator

- Lead and coordinate weekly events, webinars, and knowledge-sharing sessions.
- Manage community engagement, addressing member queries and fostering collaboration.
- Organize content around DevOps, MLOps, AIOps, FinOps, SecOps, and CloudOps domains.
- Facilitate networking opportunities and promote peer-to-peer mentorship.
- Support the mission to educate, connect, and grow the next generation of Ops professionals.

### Communications Authority of Kenya, Nairobi, Kenya

May 2024 - Aug 2024

#### Intern, Junior Cyber Security Analyst (KE-CIRT)

- Gained hands-on experience in monitoring and analyzing cybersecurity threats to protect nation critical infrastructure.
- Collaborated with a team to investigate emerging threats within the Kenyan cyberspace where I leveraged leadership and project management skills.
- Participated in the development and implementation of cybersecurity policies and awareness programs.
- Honed skills in threat detection, incident response, and vulnerability assessments using various cybersecurity tools and technologies.
- Applied threat intelligence to anticipate potential attacks, enhancing proactive defense strategies.

## EDUCATION

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**Egerton University, Njoro, Kenya**

**Sep 2021 - Present**

### **Bachelor of Science, Computer Science**

**Final Year Project:** “MkulimaAid”, a web-based platform that uses machine learning to identify crop diseases from images, helping farmers make informed decisions. Built with Flask, the system integrates data visualization, user authentication, and a knowledge-sharing forum. This project enhanced my expertise in Python, data analysis, web security and AI-driven solutions for real-world challenges.

**Award:** Awarded the “Job Readiness Skills Training certificate” for successfully completing a program focused on professional development, workplace communication, problem-solving, and essential career skills.

**Current GPA:** 65

**Anticipated Graduation:** November, 2025

### **AWS re/Start Graduate (Online)**

**May - Aug 2025**

- Gained hands-on experience in AWS Cloud services (EC2, S3, VPC, IAM, RDS, CloudWatch).
- Built a strong foundation in Linux, Python, and Networking fundamentals.
- Learned and applied security best practices in cloud environments.
- Developed practical skills in cloud architecture, automation, and troubleshooting.
- Understood principles of DevOps, monitoring, and cost optimization.
- Worked on real-world labs and team projects, enhancing problem-solving and collaboration skills.
- Prepared for and aligned with the AWS Certified Cloud Practitioner certification.

### **Google Coursera(Online)**

**Dec 2024 - Mar 2025**

#### **Google Cybersecurity Professional Certificate.**

- Gained hands-on experience with security tools and practices including Linux, SQL, network protocols, and SIEM platforms like Splunk and Chronicle.
- Learned to identify common cybersecurity risks, threats, and vulnerabilities, and apply mitigation strategies aligned with NIST frameworks.
- Practiced threat detection and incident response through simulated real-world scenarios.
- Applied foundational principles of access control, authentication, and encryption in securing IT systems.
- Developed skills in writing security documentation, risk assessments, and ethical handling of sensitive data.
- Strengthened ability to support organizational cybersecurity through monitoring, prevention, and response measures.

### **Cyber Shujaa(Online)**

**Sep - Dec 2024**

#### **EC Council Ethical Hacking Essentials**

- Gained in-depth knowledge of cybersecurity principles.
- Mastered ethical hacking methodologies.
- Learned comprehensive vulnerability assessments.
- Developed practical skills in Identifying security threats and Protecting digital assets.
- Understood key tools used in ethical hacking.
- Established a strong foundation in cybersecurity practices and Policies.

**Grade attained:** Distinction

### **Cisco Networking Academy(Online)**

**Jan - Dec 2023**

#### **CCNA 1 -- 3 | Cybersecurity Essentials**

Completed several key networking and cybersecurity courses through the Cisco Networking Academy.

- Gained a solid foundation in network fundamentals through CCNAv7 courses, including Switching, Routing, Wireless essentials, Enterprise networking, and Security automation.
- Developed practical skills in Configuring network devices, Troubleshooting network devices, and Implementing network security measures.
- Acquired an understanding of network security principles, vulnerability assessments, and risk management techniques through the Cybersecurity Essentials course.
- These skills are crucial for: Securing network infrastructure, Ensuring data integrity and Ensuring data availability in interconnected environments.

**Certificate of Secondary Education(KSCE)**

8 subjects (2A's, 1A-, 3B+, 2B-, 1C+)

**Grade: B+****PROJECTS**

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**1. MkulimaAid - ML Crop Disease Diagnostic Platform**

- Designed a full-stack web application using Flask, enabling farmers to detect crop diseases from uploaded images using a trained CNN model.
- Implemented interactive dashboards for disease trends using Plotly and Chart.js.
- Designed semantic-rich disease descriptions to explore future integration with linked open data.

**2. Twitter Sentiment Analysis (Black Lives Matter Movement)** - Analyzed social sentiment using Python (NLTK, pandas) and visualized insights from Twitter data.**3. Network Intrusion Detection System** - Designed a lightweight IDS using anomaly detection techniques to monitor network traffic.**4. AWS Project** - Deployed a Production-Ready Flask Application on AWS with High Availability And Strong Security**CERTIFICATIONS**

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- AWS Certified Cloud Practitioner (CCPA)
- Kubernetes and Cloud Native Essentials (LFS250)
- Google Cybersecurity Professional Certificate
- Google Data Analytics Professional Certificate
- Cyber Shujaa - Ethical Hacking Essentials - C2-2024.
- Deloitte Data Analytics Job Simulation
- Dr Angela Yu 100 Days of Code Complete Python Pro Bootcamp
- CCNA 1 – 3
- CISCO Networking Academy Cybersecurity Essentials

**LANGUAGES**

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- English(Excellent, B2)
- Swahili(Excellent, C2)

**SPECIAL ACTIVITIES AND INTERESTS**

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- Cybersecurity Research, policy and governance.
- Machine learning for cybersecurity.
- Building cybersecurity dashboards using data visualization tools such as Power Bi and tableau.
- Web Security and Pentesting
- Splunk and Google Chronicle Security Operations
- Bug Bounty

**REFERENCES**

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1. Joseph Brian — KE-CIRT, CA | bryanmainye@gmail.com | 0729780474
2. John Katiku — Egerton University | jkatiku@egerton.ac.ke | 0722440727
3. Ken Kiboi Barasa — Teremi School | kennedykiboi945@gmail.com | 0724985069
4. Dr. Zachary Bosire — COD Computer Science Egerton University | zomariba@egerton.ac.ke | 0729154296