# Clinton Okumu

**S** okumuclint@gmail.com

Nairobi,Kenya

in linkedin.com/in/clinton-okumu-508052281

+254113450756

https://github.com/Clinton-Okumu

https://clinton-okumu.github.io/

#### **Profile**

I'm a full-stack developer with a focus on backend development. I specialize in building scalable systems and improving performance. Recently, I completed the ALX Software Engineering Program, and I'm passionate about creating efficient solutions in dynamic environments.

### **Professional Experience**

2023/05 – 2023/12 Nairobi, Kenya

#### **ICT INTERN**

NACICO SCCO

- **Technical Support**: Delivered timely assistance for hardware/software issues, reducing downtime and improving user satisfaction.
- **Network Maintenance**: Maintained and troubleshooted routers, switches, and firewalls, ensuring consistent network performance.
- **Cybersecurity**: Enhanced cybersecurity by updating antivirus software, enforcing protocols, and supporting policy implementation.
- Hardware Maintenance: Conducted regular hardware maintenance and upgrades, boosting system performance and extending lifespan.
- **Employee Training**: Led training sessions to enhance staff skills with IT tools, resulting in greater productivity and fewer technical issues.
- **Documentation**: Developed comprehensive documentation for IT processes, supporting operational efficiency and knowledge retention.
- **Technology Research**: Researched emerging technologies, including Ansible for cloud data migration, to identify innovative solutions.

2024/01 – 2024/12 Nairobi, Kenya

### Fullstack developer Intern

Havalaa Technologies

- Android Development: Developed and deployed Android applications in Kotlin, including Jetpack Compose, prioritizing high performance and user-friendly interfaces.
- **API Development**: Built and maintained APIs for web and mobile applications using Python (Django), enhancing data communication and system integration.
- Database Management & Caching: Created and optimized SQL databases, implementing Redis caching to increase data retrieval speed and operational efficiency.
- CI/CD Automation: Streamlined deployment processes through GitHub, implementing Continuous Integration and Continuous Delivery (CI/CD) for seamless updates.
- **Server Management**: Set up, optimized, and deployed servers for development and production environments, ensuring system stability and scalability.

#### **Skills**

**Frontend Basics:** 

HTMX, ReactJS, Tailwind

**Database Management:** 

SQL, POSTGRESQL, MongoDB, Redis (caching and

optimization)

**Server & Deployment:** 

Server setup, optimization, and CI/CD (GitHub)

**Backend & API Development** 

Django REST Framework, Python, Golang, JavaScript

**Mobile Development:** 

Android (Kotlin)

**Operating Systems:** 

Linux, Windows

#### Education

2023/08 - 2025/01

**ALX Software Engineering Program** 

Online [7]

A comprehensive program focused on developing core software engineering skills, including programming languages, software development methodologies, algorithms,

data structures, DevOps, software testing, and project management.

2020/09 - 2023/12

**Bsc. Business Information Technology** 

Thika, Kenya Mount Kenya University 12

Award: Second Class Upper Division.

## **Projects**

2025/01 - 2025/02

POS system 2

Cereal shop pos system

Created a pos system to help a local cereal shop that will help in inventory management

and also keep track of cash flow.

2024/08 - 2025

Savio Business Management Software

Personal SaaS Project

Developed a cloud-based business management software, providing tools for inventory tracking, invoicing, and customer management. Focused on scalability and user experience for small to medium-sized businesses.

2024/02 - 2024/02

Hakiba Backend 2

Havalaa Technologies

Built the backend architecture for the Hakiba app using Django and SQL, ensuring data security, efficient API response, and smooth data management for enhanced user

interactions.

2023/11 - 2023/11

Hakiba app

Havalaa Technologies

Collaborated on the development of an Android app in Kotlin, focused on intuitive design and high-performance functionality. Integrated backend services to optimize user experience.

2023/01 - 2023/04

Baida Hotel Reservation System 2

Final Year Project, Mount Kenya University

Created a reservation system for Baida Hotel, handling real-time bookings and client data management. Emphasized user-friendly design and secure data handling, utilizing

Bootstrap, AJAX, SQL and PHP.

## Certificates

**Degree in Business Information Technology** ☑

Mount Kenya University, Nairobi, Kenya

Issued: Dec 2023

Backend Specialization 2

ALX Software Engineering Program, Nairobi, Kenya

Issued: Jan 2025

#### References

Mr. Edwin Mwangi, ICT Manager, NACICO SACCO

Email: edwinmwangi@nacicosacco.coop, | Phone: +254 725 706 149

Sylvia Wanjiru, C.E.O, Havalaa Technologies

Email: swanjru90@gmail.com

Hezekiah Elisha, Lead Developer, Havalaa Technologies

hezekiahelisha93@gmail.com