Clinton Okumu

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🔗 https://clinton-okumu.github.io/

Profile

Business Information Technology professional with nearly two years of experience as an IT intern and backend developer. Skilled in troubleshooting, network maintenance, and cybersecurity enhancement, alongside expertise in backend development, API efficiency, database optimization, and server automation. Committed to quality and innovation, I bring a diverse technical skill set to support impactful projects in organizations focused on continuous improvement and growth.

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.

Education

2020/09 – 2023/12
Thika, Kenya

Bsc. Business Information Technology
Mount Kenya University
Award: Second Class Upper Division.

2023/08 – 2025/01	**ALX Software Engineering Program**
	Online
	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.

Projects

2025/01 – 2025/02	**POS system** ⧉
	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** ⧉
	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** ⧉
	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
ALX Software Engineering Program, Nairobi, Kenya
Issued: Jan 2025

References

Mr. Edwin Mwangi, *ICT Manager,* NACICO SACCO
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Sylvia Wanjiru, *C.E.O,* Havalaa Technologies
Email: swanjru90@gmail.com

Hezekiah Elisha, *Lead Developer,* Havalaa Technologies
hezekiahelisha93@gmail.com

Skills

Frontend Basics: HTMX, ReactJS, Tailwind.

Database Management: SQL, Redis (caching and optimization).

Server & Deployment: Server setup, optimization, and CI/CD (GitHub).

Backend & API Development: Django REST Framework, Python, Golang.

Mobile Development: Android (Kotlin).

Operating Systems: Linux, Windows.