

NIXON IAN OWUOR OCHIENG

Full Stack Developer | Cybersecurity Trainee

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PROFESSIONAL SUMMARY

A results-driven and innovation-oriented technologist with a strong foundation in Mathematics and Computer Science, enhanced by hands-on software engineering training at Moringa School. Currently advancing skills in Cybersecurity through the ALX Cyber Security Program. Skilled in building scalable applications, solving problems collaboratively, and applying secure development practices. Motivated to transition into cybersecurity roles, particularly in secure systems development, threat analysis, and defensive operations.

EDUCATION

ALX Africa <i>Cyber Security Program</i>	09/2025 – Present
Moringa School <i>Al Launchpad: Applied AI Skills for Developers</i>	08/2025 – 09/2025
Moringa School <i>Software Engineering Program</i>	02/2025 – 08/2025
Technical University of Mombasa <i>Bachelor of Science in Mathematics and Computer Science</i>	09/2019 – 11/2025

TECHNICAL SKILLS

Programming & Development	Cybersecurity (In Progress)	Soft Skills
<ul style="list-style-type: none">• Python, JavaScript, SQL, PostgreSQL• React, Flask, REST APIs• Git, GitHub, VS Code• Agile Development & Version Control	<ul style="list-style-type: none">• Security fundamentals• Secure coding principles• Offensive & defensive security basics• Digital forensics & governance concepts	<ul style="list-style-type: none">• Critical Thinking & Problem Solving• Rapid Prototyping & Innovation• Communication & Teamwork• Leadership & Adaptability

PROJECTS

Money Transfer App - Live Demo 🔗 Developed a secure and scalable money transfer application with wallet management, real-time balance updates, and Mpesa integration.
Financial Freedom - Personal Finance Tracker A budgeting and expense management tool aimed at financial literacy.

Additional Projects

Various web applications, automation scripts, and data handling pipelines.

PROFESSIONAL INTERESTS

Cybersecurity Engineering | Secure Software Development | Data Security & Governance |
Cloud Security & DevSecOps | Threat Detection & Response