

MAXWELL OFORI

Accra, Ghana | +233 246 109 629 maxwelloforistudent@gmail.com | [Portfolio Website](#)

PROFESSIONAL PROFILE

I am a System Administrator and IT professional specializing in secure network infrastructure and software development. Currently managing systems at St. Martin's Memorial Hospital, I focus on proactive system monitoring and vulnerability mitigation to protect critical data. I bridge the gap between programming (Java, C++, PHP) and infrastructure defense to build resilient, secure IT environments.

EDUCATION

Knutsford University College (an affiliate of the University of Ghana), Greater Accra, Ghana
Bachelor of Science: Information Technology *May 2024*
GPA: 3.29/4.0

CORE CERTIFICATIONS

Introduction to Cybersecurity Fundamentals – Coursera (March 2025)

Key Focus: Network Security, Encryption, and Vulnerability Management. [Verify Link](#)

TECHNICAL SKILLS

- **Security & Governance:** Network Vulnerability Mitigation, Network Defense, Cryptography Basics, RBAC.
- **Infrastructure & Networking:** Firewall Configuration, TCP/IP, LAN/WAN, Linux Hardening, Windows Server.
- **Secure Development:** Java, PHP, C++, JavaScript (focused on Secure SDLC and session management).
- **Data Management:** MySQL, SQL, Database Integrity, and Secure Record Management.
- **Cloud & Professional Tools:** Microsoft Azure, Google Cloud, Visual Studio, and Android Studio.

PROFESSIONAL EXPERIENCE

System Administrator | St. Martin's Memorial Hospital, Ghana, *October 2024 – Present*

- Manage secure network infrastructure to ensure high availability and data integrity for hospital operations.
- Monitor system logs and assist in troubleshooting to mitigate potential security risks and technical failures.

IT Intern | General Family Hospital, Accra – Ghana, *June 2023 – September 2023*

- Supported the security and reliability of Electronic Health Records (EHR) to protect sensitive patient data.
- Maintained hospital information systems and trained staff on secure computing practices and network reliability.

IT Intern | Banyan Trade African Limited, Accra - Ghana *June 2022 – September 2022*

- Managed hardware/software setups and resolved network vulnerabilities to maintain business continuity.

TECHNICAL PROJECTS

Hostel Management System (Collaborative Project) *September 2024 – Present (Ongoing)*

- Collaborating with a professional development team to build a scalable management platform.
- Assisting in vulnerability mitigation by reviewing code for secure session management and SQL injection prevention.

Audio-Visual E-Commerce Platform (May 2024)

- Built a web platform featuring a product catalog and Secure Checkout functionality to protect transaction data.

Hospital Management System (September 2023)

- Designed a PHP-based platform with a focus on Role-Based Access Control (RBAC) for doctors, admin, pharmacy, and patient records, and to prevent unauthorized data modification.

Timekeeping & Payroll System (September 2022)

- Developed an automated system for wage calculation, ensuring data accuracy and preventing manual tampering