MAXWELL OFORI

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PROFESSIONAL PROFILE

System Administrator and IT professional specializing in secure network infrastructure and software development. Currently managing systems at St. Martin's Memorial Hospital, focused on proactive monitoring and vulnerability mitigation to protect critical data. Bridges programming (Java, C++, PHP) and infrastructure defense to build resilient, secure IT environments — and independently designs, builds, and maintains production web and desktop software used daily by real Ghanaian businesses.

EDUCATION

Knutsford University College (affiliate of the University of Ghana), Accra *May 2024*

Bachelor of Science: Information Technology — GPA 3.29/4.0

CORE CERTIFICATIONS

- Introduction to Cybersecurity Fundamentals — Coursera, March 2025 (Network Security, Encryption, 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, HTML5, CSS3, Bootstrap (Secure SDLC, session management, responsive web development)
- Data Management: MySQL, SQL, Database Integrity, Secure Record Management
- Cloud & Professional Tools: Microsoft Azure, Google Cloud, Visual Studio, Android Studio

PROFESSIONAL EXPERIENCE

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

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

IT Intern | General Family Hospital, Accra, Ghana *Jun 2023 – Sep 2023*

- Supported 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 *Jun 2022 – Sep 2022*

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

TECHNICAL PROJECTS

Dennis Pizza & Shawarma POS System *2026 – Present*

- Built and continue to actively maintain a custom, GRA e-VAT compliant restaurant POS for a 3-branch client, covering register, delivery/rider management, and kitchen ticket routing.
- Engineered settlement and shortage-tracking tools, multi-branch reporting, and phone-order handling used daily in live production.

Maxy POS — Point of Sale Platform *2025 – Present*

- Designed and built a cloud-based POS platform for Ghanaian retail and wholesale shops, sold as a tiered subscription product (Starter/Business/Enterprise).
- Implemented sales tracking, inventory management, receipt printing, and mobile money integration for daily shop operations.

Hostel Management System (Collaborative) *Sep 2024 – Present*

- Collaborating with a professional development team to build a scalable hostel management platform.
- Assisting with 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, with client-side UI in HTML, CSS, Bootstrap, and JavaScript, to protect transaction data.

Hospital Management System *Sep 2023*

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

Timekeeping & Payroll System *Sep 2022*

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