OWUOR GEOFFREY OKINYI

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LinkedIn Profile | GitHub Portfolio

PROFESSIONAL SUMMARY

Motivated and detail-oriented Computer Science graduate with hands-on experience gained during my time at Kenya Tea Development Agency, where I contributed to a cybersecurity awareness initiative that helped reduce phishing incidents. I have a solid foundation in software engineering, IT support, and basic network security and configuration. I enjoy working in collaborative environments and am eager to grow my skills in technology to support organizational goals. I am known for being adaptable, a quick learner, and having strong research and report-writing abilities. Looking for an opportunity to learn and contribute as I grow my career in the IT landscape.

PROFESSIONAL EXPERIENCE

HOTPOINT APPLIANCES LTD | IT GRADUATE TRAINEE　　　　　　　　　**MARCH 2025 – PRESENT**

- Developed an automated IT requisition form using Google Forms and Google Apps Script, enabling streamlined requests for new IT equipment and automated email notifications.
- Assisted IT Support Engineers with preventive maintenance tasks, network monitoring via the Sophos firewall application, and troubleshooting of hardware and software issues.
- Configured a new CISCO router, implementing TELNET, BGP protocol, and SSH for secure and efficient network communication.
- Built a staff product purchase portal using Next.js, PostgreSQL, and JWT to facilitate online requisitions; deployed the application on the Vercel platform.
- Participated in the Graduate Management Trainee (GMT) rotation program, gaining exposure to key departments including Warehouse, Retail, Finance, and Procurement. Provided insights and recommendations for operational improvements.

KENYA TEA DEVELOPMENT AGENCY | ICT INTERN　　　　　　　　　**JANUARY 2024 – APRIL 2024**

- Provided technical support for IT projects, including technology rollouts and maintenance.
- Streamlined IT support by establishing a centralized helpdesk, improving response time for user requests.
- Implemented disaster recovery plans to ensure business continuity during technical failures or data breaches.
- Enhanced network security with advanced firewall configurations and intrusion detection systems.
- Conducted server health monitoring, reducing system downtime through proactive issue resolution.
- Standardized hardware and software across departments to streamline maintenance and improve user experience.

EDUCATION

ST. PAUL'S UNIVERSITY | BSC COMPUTER SCIENCE　　　　　　　　　**SEPTEMBER 2020 – NOVEMBER 2024**

- Achieved First-Class Honors (75.51 Average, 3.8 GPA).
- Coursework Specialization: Software Engineering, Unix Shell Programming, Information Systems Security, Data Structures and Algorithms, Web Development, and Database Management Systems.

KANGA HIGH SCHOOL | K.C.S.E.　　　　　　　　　**JANUARY 2016 – NOVEMBER 2019**

- Kenya Certificate of Secondary Education
- Attained an A- (78 points).

SKILLS

Soft Skills:

Team Collaboration | Problem-Solving | Project Management | Attention to Detail | Time Management | Effective Communication | Tech-Savvy | Fast Learner | Data Evaluation

Programming Languages:

C| Java | C++ | Python | PHP | JavaScript | SQL | Google Script

Tools & Technologies:

Git | GitHub | Next.js | React | Tailwind CSS | MySQL | PostgreSQL | Node.js | HTML/CSS | VS Code | Microsoft Office Suite | Adobe Creative Cloud | Figma | Cybersecurity | Encryption | Artificial Intelligence (Copilot, ChatGPT, Claude, Gemini, DeepSeek) | Linux Desktop Environment | Bash Scripting | Windows OS | Web Development

CERTIFICATIONS AND CREDENTIALS

CYBERSECURITY FUNDAMENTALS | IBM SKILLS BUILD| OCTOBER 2024   **View Credential**

WEB DEVELOPMENT FUNDAMENTALS | IBM SKILLS BUILD | NOVEMBER 2024   **View Credential**

ARTIFICIAL INTELLIGENCE FUNDAMENTALS | IBM SKILLSBUILD | MARCH 2025   **View Credential**

PROJECTS

STAFF PRODUCT PURCHASE PORTAL   **View Repository**   **View Web App**

- Developed a full-stack web application enabling staff to submit product purchase requests for discounted electronic appliances through an online portal.
- Roles: Staff, HR & Admin, Credit Control, Billing & Invoice.
- Technologies: Next.js, React, Tailwind CSS, PostgreSQL, JWT, REST APIs

IT REQUISITION FORM AUTOMATION

- Created a Google Apps Script application to automate approval email workflows triggered by IT requisition submissions through Google Forms.
- Technologies: Google Script Language, Google Forms, Google Sheets.

GARBAGE COLLECTION MANAGEMENT SYSTEM   **View Repository**   **View Web App**

- Developed a full-stack web application for online garbage collection service requests (ENVNEAT platform).
- Roles: Admin, Collectors, and Customers.
- Technologies: JavaScript, HTML, CSS (front-end), PHP, MySQL (back-end).