

GODFREY NYARKO

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EDUCATION

ALX Africa

Software Engineering

Remote

November 2023

Kwame Nkrumah University of Science and Technology

Bachelor of Science, Metallurgical Engineering

Kumasi

August 2023

EXPERIENCE

PJ Grant Staffing

Junior Software Developer & Spreadsheet Expert

Hybrid

March 2025 – present

- Designed and implemented a spreadsheet system for the Market Research team, reducing manual effort by 70%.
- Created a digital employee clocking system using Google Sheets and Apps Script, replacing manual records, simplifying payroll processing, and promoting fair payment practices.
- Optimized formulas used by the scraping team, significantly decreasing spreadsheet processing time.
- Manage and maintain all large-scale spreadsheets used globally across the company.
- Develop Google Apps Scripts to automate spreadsheet tasks, reducing manual work by 50%.
- Collaborated with three senior developers to build pricing automation scripts using Python and Selenium, cutting down repetitive tasks and reducing workforce requirements.
- Built websites for multiple client companies, improving their digital presence.

Upwork, Freelancer

Software Developer

Remote

February 2024 – present

- Developed responsive websites and web applications for clients using HTML, CSS, JavaScript, and React, ensuring optimal performance across devices.
- Created interactive UI designs and custom visuals using Figma and Adobe tools, enhancing user engagement and brand consistency.
- Built and deployed small-scale backend services with Node.js and Firebase for data-driven web apps.
- Designed and built a dynamic website for Vision for Change foundation, enhancing digital engagement and community outreach.

Nexans Kabelmetal Ghana Ltd

Assistant Production / IT Support

Tema

September 2023 – November 2024

- Implemented a batch number tracking system within the company's ERP (Navision), improving product traceability and data accuracy.
- Managed and optimized spreadsheet-based data collection and analysis to enhance production efficiency and reporting.
- Provided technical support for the Navision ERP system, troubleshooting system issues and ensuring smooth operations.
- Diagnosed and resolved IT-related issues within the production environment, minimizing system downtime.

Soft-Ibit Computer Solutions Ltd

Software developer (Intern)

Kumasi

April 2023 – May 2023

- Helped organize website domains and DNS settings using GoDaddy, reducing setup time by 40%.
- Collaborated with senior engineers in building a custom Customer Relationship Management (CRM) system, contributing ideas that improved its functionality by 20%.
- Conducted tests on servers (EC2 instances) and utilized CloudWatch to track and improve their performance, achieving a 15% increase in efficiency.

Busy Internet

Accra

IT Technician (Apprenticeship)

September 2018 – July 2019

- Troubleshoot network connection problems for clients across the Greater Accra region.
- Assisted businesses and individuals in optimizing connectivity and bandwidth.
- Provided internal IT support for administrative teams, including troubleshooting hardware and software issues (printers, scanners, computers, routers).
- Installed and trained new clients on using Busy Internet systems efficiently.

INDEPENDENT PROJECTS

KeepClean – Smart Waste Hub [\[Watch Demo\]](#) [\[Repo\]](#)

November 2024 – January 2025

- Implemented AI-powered waste verification using Gemini AI, which identifies waste type, estimates quantity, and populates form fields automatically.
- Developed a reward-based engagement system using web3auth where users earn tokens for reporting and collecting waste, fostering active participation.
- Built real-time notification and leaderboard systems to recognize top contributors.

AWARDS & ACHIEVEMENTS

- NASA Space Apps Participation Certificate, 2024.
- Most Outstanding Intern Award, Soft-Ibit Computer Solutions Ltd

SKILLS

- **Programming:** HTML, CSS, JavaScript, Python, React, Node.js
- **Tools & Platforms:** Docker, Google Cloud, AWS (EC2, CloudWatch), SQL, Web3Auth
- **Soft Skills:** Problem-solving, analytical thinking, communication, teamwork, computer literacy skills (MS Office).

REFEREES

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