

Stanley Amankonah Agyei

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PROFESSIONAL SUMMARY

Results-driven IT professional and MSc Data Science student with 3+ years of experience in full-stack web development, business analysis, GIS/geospatial systems, and data visualisation. Proven track record delivering impactful solutions across public and private sectors in the UK and Ghana. Skilled in building data-driven dashboards, map-integrated web applications, and cross-functional project leadership. Eligible to work part-time in the UK (Student Visa).

TECHNICAL SKILLS

Languages & Web: HTML, CSS, PHP, JavaScript, Java, SQL

Data & Analytics: Python (learning), Excel (Advanced), Power BI, SQL, Data Visualisation

GIS & Geospatial: Google Maps API, KML/GIS Tools, Drone Operation (RPAS), 3D Modelling, Orthomosaic Imaging

IT & Systems: IT Support, Hardware Troubleshooting, Network Administration (HCIA DATACOM, Routing & Switching)

Tools & Platforms: Git, Power BI, Microsoft Office Suite, Graphic Design (Adobe Suite)

Soft Skills: Business Analysis, Project Leadership, Client Management, Technical Training, Digital Marketing

WORK EXPERIENCE

Business Analyst / Web Developer (Lead)

2024 – 2025

Synergy Empresa Ltd

Ghana

- Architected and delivered the **Synergy Land Parcel System** — a PHP/JavaScript/Google Maps web app for uploading KML files, visualising land parcels, and managing buyer records, **eliminating double land sales**.
- Developed the **Lumen App** (HTML/CSS/PHP/JavaScript) for client intake management, reducing client wait time by **25%**.
- Built the **Land Secretariat Database** web app integrating Google Maps, increasing data accuracy by **30%** and improving land tracking for government stakeholders.
- Created **Power BI and Excel dashboards** for Anglican Hospital, introducing an attendance and hospital management system to improve operational efficiency.
- Designed and deployed the **Synergy company website** (HTML/CSS/JavaScript), improving online presence and client engagement.
- Led **virtual tour production** (360 cameras & drones) for Aratina and Eusbet Hotels, boosting client engagement by **50%** and increasing bookings.
- Assisted master planning for a **100-acre Catholic Church Grotto** and a **1,500-acre orthomosaic project**, accelerating planning timelines by **20%** using GIS and drone data.
- Delivered **aerial imaging and 3D modelling** for AccuGeospatial, improving project efficiency by **30%**.
- Assisted the **Ghana Army Command Zone Map** project, contributing to a 20% improvement in logistics and resource allocation.

Drone Pilot (Contract)

2022 – 2024

Lumen Development

Ghana

- Conducted aerial mapping, surveying, and photography for GIS, land development, and inspection projects.
- Managed flight planning, data capture, and post-processing workflows in full compliance with aviation regulations.

IT Teaching Assistant

2022 – 2023

University of Energy and Natural Resources

Ghana

- Facilitated tutorials and workshops for undergraduate computer science students in programming and software tools.
- Provided one-on-one support, graded assignments, and assisted lecturers with course planning.

Graphic Designer (Freelance)

2022

Eusbet Hotel & Local Clients

Ghana

- Designed brochures, flyers, digital banners, and promotional materials for hotel and local business marketing campaigns.

EDUCATION

MSc Data Science (In Progress)

2025 – 2026

University of Sunderland

Sunderland, UK

BSc Information Technology

2018 – 2022

University of Energy and Natural Resources

Ghana

CERTIFICATIONS & COURSES

HCIA – DATACOM	2022 – 2023
HCIA – Routing and Switching	2018 – 2022
RPAS Drone Safety Training	2024

KEY PROJECTS

Synergy Land Parcel Web App PHP, JavaScript, Google Maps API, HTML/CSS	2024
– Full-stack land management platform with KML upload, interactive map visualisation, and buyer data management.	
Lumen Client Management App PHP, JavaScript, HTML/CSS	2024
– Web app streamlining client intake at a business centre; reduced wait time by 25%.	
Hospital BI Dashboard Power BI, Excel	2024
– Operational dashboards and attendance system for Anglican Hospital, enabling data-driven workforce management.	