ADWOA BOAMA ACHEAMPONG

ANALYST

Accra, Ghana | +233 276 291 485 | cc@aacheampong.com

Portfolio | Projects | LinkedIn

PROFILE

I bridge operational, executive, and technical teams, turning business needs and data into clear requirements, actionable insights, and scalable AI-enabled solutions.

PROFESSIONAL EXPERIENCE

Co-Founder & Business Analyst

Blkk Star Legacy Organization | Jul 2026 - Present

- Co-build a Ghanaian nonprofit connecting education, culture, commerce and community; translate the shared vision into organizational architecture, requirements and implementation plans.
- Develop brand systems, digital products and operating models; coordinate research, design and technical work through action, dependency and risk tracking.
- Research accountable digital-trade infrastructure for Africa's informal economy and apply that research to commerce, traceability and food-system prototypes.

Achievements: Established a shared organisational and product framework, with a live parent website and commerce and analytics prototypes. Wider operational rollout and commercial validation remain in progress.

Business Analyst & Digital Integrations Advisor

Automobiles Ghana Ltd | Oct 2024 - Jul 2026

- Advised the Founder and CEO on integrating digital systems into daily operations and administrations with ai enabled workflows
- Translated operational requirements into system specification for the AGL ERP software.
- Developed and successfully deployed (agl.software) to replace disconnected paper and whatsapp processes and capture sales, workshop operations, HR and administration activity with a centralized system.
- Trained employees in consistent manual and digital data capture, formal reporting, teamwork and workplace ethics; coordinated digitalization requirements with the implementation team.

Achievements: Deployed production ready ERP in under 32 weeks; formalised employment documentation across all operational roles. Implemented an eight-week commercial campaign increasing average daily revenue from GHS 1,200 to GHS 2,700 (125%) in 2024.

Business Operations Manager

Baa & Bean Cafe | Feb 2024 - Jul 2024

- Conducted operational gap analysis across three branches, examining customer service, sales procedures, reporting and day-to-day coordination; redesigned and implemented sales and reporting SOPs.
- Coordinated approximately 20 employees, shifts and seven-day branch operations in an international hospitality setting while supporting the Founder and CEO's executive functions.
- Managed internal and external compliance and stakeholder affairs.

Achievements: Contributed to a 120% revenue increase following revised sales procedures; secured a 60% profit share for the business in a structured enterprise agreement and established clearer branch-wide operating and reporting practices.

TOOLS & METHODS

Analysis & delivery: requirements gathering, process and gap analysis, SOPs, stakeholder coordination, KPI design, data validation, BPMN/Mermaid, risk tracking and Agile/Kanban workflows.
Data & reporting: Excel, Google Sheets, SQL, Power BI, Tableau, Looker Studio, Python, Jupyter.
Systems & automation: ERP/CRM, Google Apps Script, n8n, Jira, Microsoft Visio, Git and GitHub.
GenAI/LLM-assisted work: research, analysis, documentation, prototyping, coding and workflow design.

DataCamp studies: Hugging Face; Apache Airflow; ETL & ELT Pipelines; NumPy; Matplotlib; Seaborn; Exploratory Data Analysis / EDA; Statistics and Probability with statsmodels.

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DIGITAL PRODUCTS & SYSTEMS

AGL OPS | Deployed ERP

Built a connected operations and reporting system spanning workshop job cards, inventory, sales, expenses, attendance and HR records. Translated business requirements into role-based workflows, validation rules and management dashboards, supported by SOPs and staff training.

BLKK Legacy | Live organisational website

Co-built the digital expression of the nonprofit's culture, education, commerce and community model. Connect organisational structure, brand systems and product planning through a coherent public website and ecosystem.

BLKK Star Hub | Platform in development; restricted access

Design structured identity, transaction, operational and analytics workflows to make informal commerce more verifiable and institutionally usable. Related restricted-access verticals include Star Hub, Label, Merchant and Estate.

BLKK Autos | Live web prototype

Develop automotive-commerce workflows for vehicle listings, buyer discovery, seller information and enquiries. The cross-platform MVP provides a sector-specific setting for testing the wider digital-trade model.

Farmers Hub | Live prototype; pre-pilot

Develop a food-commerce and mobile cold-chain model linking buyer demand, produce supply, routes and traceability to reduce spoilage, protect farmers' earnings and strengthen food-system resilience. Pilot planning focuses on route economics and temperature evidence.

Adinkra Intelligence Systems | Active analytics prototype

An operational and analytics intelligence interface with business metrics, charts, tenant drill-downs. Designed as a decision layer above ERP activity; wider AI and multi-tenant backend integration remain in development. Tools: React, Recharts and SheetJS.

MIRACLE App | Live mobile-first PWA

Design and build a life-management experience connecting tasks, projects, study, routines, reflection and progress. Combines room-based interaction and gamification with offline storage, account synchronisation and installable PWA workflows.

ANALYTICAL PROJECTS & RESEARCH

Multispecialty Hospital Business Analysis: 39-slide case study covering stakeholders, scope, requirements traceability, BPMN-style process maps, visualisation, risk controls and phased recommendations. View case-study slides

MIT OpenCourseWare-inspired Python projects (in progress): Olist marketing-funnel and e-commerce analysis; join validation, analytical grain and KPI definitions. Project walkthrough

Unpublished digital-trade research: economic, legal and systems analysis of Africa's informal economy, including a Palantir-inspired data ontology. Working paper | Expanded paper

EDUCATION & CERTIFICATIONS

Associate AI Engineer for Data Scientists – DataCamp Oct 2026
IBM Business Analyst Professional Certificate – IBM Sep 2026
Data Engineer in Python - DataCamp, October 2026 | **Scientific Computing with Python** - freeCodeCamp, in progress
ALX Data Analytics Professional Certificate - 2025 | **Intermediate SQL** - DataCamp, 2025
Data Analysis Essentials - Cisco, 2024 | **Certificate in Business Management** - Oxford Home Study Centre, 2025
Computer Engineering coursework - Accra Institute of Technology (no degree awarded)

Further independent study: MIT Missing Semester; Stanford EE364A Convex Optimization; Python, machine learning and agentic AI; international trade and AI law, including Raj Bhala's *International Trade Law*.