

Tailored Resume

Esaïe Alain-Emmanuel KOUPOH

Visionary Project Manager & AI/Data Leader

Abidjan, Côte d'Ivoire (Relocation Available)

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PROFILE

Visionary Project Manager and AI/Data Leader with over 6 years of experience driving transformative digital and AI initiatives across Africa. Uniquely positioned to "orchestrate" YiRI's historic mission at the intersection of technology and cultural heritage. Proven expertise in **strategic project leadership**, deploying cutting-edge AI platforms, coordinating multidisciplinary teams, and ensuring high-impact delivery for large-scale projects. Adept at navigating complex stakeholder landscapes and fostering innovation to build lasting legacies.

PROFESSIONALEXPERIENCE

Project Manager Consultant - Data & AI

Orange Côte d'Ivoire | Abidjan, Côte d'Ivoire

November 2024 – Present

Led the **Agile implementation** of critical decision-support systems and data-driven solutions, ensuring seamless integration and adoption.

Coordinated cross-functional teams to deliver four mission-critical digital platforms with **97% on-time delivery**:

REMO: Real-time distribution performance monitoring platform, enhancing operational visibility.

Infoview: AI-powered claims data validation system, improving accuracy and efficiency.

Homologation: ML system for automated customer enrollment data verification.

Tracking Kit: SIM card inventory optimization and distribution tracking solution.

Architected a **domain-oriented Data Mesh model**, fostering self-service analytics and cross-functional agility across the organization.

Mentored and optimized processes for cross-functional teams, driving operational excellence and skill development.

Lead Data Scientist & Data Product Manager

Data354 | Côte d'Ivoire

September 2024 – Present

Spearheaded the development and **ML and LLM implementations** of innovative decision-support systems and AI products with real-world impact.

Delivered advanced AI/ML solutions, demonstrating expertise in deploying revolutionary AI models:

Contract Conformity Analysis: Utilized AI (LLMs) to verify contract compliance, ensuring alignment with legal standards.

TaxiFlow: Leveraged ML to predict hourly demand, optimizing driver scheduling for enhanced coverage and efficiency.

Avia: Developed a voice-enabled AI assistant for proactive cardiovascular care, monitoring patient data and adherence.

Alia: Implemented RAG (Retrieval-Augmented Generation) to understand legal queries and provide actionable responses from a structured legal corpus.

Led **Agile development** and deployment strategies for data-driven solutions, fostering collaborative team environments.

Head of Data Science Academy

German Institute of Business and Technology (GIBT) | Remote

August 2023 – May 2024

Provided **strategic leadership** for continent-wide data science training programs, scaling impact to over **700+ trainees** as Senior Trainer.

Managed key **stakeholders**, overseeing financial reporting and KPI tracking for large-scale educational initiatives.

Led team development and fostered cross-department collaboration to optimize marketing and program delivery.

Data Science Program Lead - Senegal

German Institute of Business and Technology (GIBT) | Dakar, Senegal

August 2022 – July 2023

Directed tech training programs for over **500+ students & professionals** in Software Engineering & Machine Learning, building a strong talent pipeline.

Designed comprehensive curricula and delivered engaging lectures as Senior Trainer, enhancing learning outcomes.

Optimized cross-functional operations to ensure efficient program execution and high participant satisfaction.

AI Software Engineer (Full-time)

Baamtu Datamation | Dakar, Senegal

December 2020 – July 2022

Built and deployed AI/ML solutions addressing real-world challenges with a focus on practical applications:

Developed a **Wolof NLP Dataset Pipeline**, collecting and processing language data to advance AI in local African languages, demonstrating a commitment to cultural integration.

Created **Ganeyi MRZ OCR** for automated ID/passport data extraction.

Engineered **Wakanda Form OCR API** for structuring signup form data.

Streamlined insurance ticket handling with an **Email Automation Tool**.

KEY SKILLS

Project Management : Strategic Leadership, Agile Methodologies (Scrum, Kanban), Budget Oversight & Financial Reporting (KPIs), Risk Management, Stakeholder Engagement, Multidisciplinary Team Coordination, Digital Transformation .

AI/Data Expertise : Machine Learning (LLMs, NLP, Deep Learning), Data Science, Cloud Platforms (Azure, GCP, AWS), Data Architecture , API Development , Data Mesh, AI Model Deployment .

Technical Stack : Python, SQL, OpenAI, LangChain, Streamlit, Docker, Jira, Power BI, PostgreSQL, TensorFlow, PyTorch, Scikit-learn, HuggingFace .

Leadership & Soft Skills: Inspiring Leadership, Cross-functional Collaboration , Strategic Vision, Training & Mentorship , Problem-Solving, Communication , Passion for African Culture & Heritage .

EDUCATION

Master of Artificial Intelligence (Night course)

Dakar Institute of Technology | Dakar, Senegal

January 2022 – Present

Bachelor in Computer Science

Ecole Supérieure Africaine des TIC (ESATIQ) | Abidjan, Côte d'Ivoire

2016 – 2019

Majors: IT Systems & Software Engineering.

CERTIFICATIONS

Applied AI with DeepLearning (IBM)

Full Stack Data Science Training (VIVADATAParis)

Duolingo English Test (English proficiency)

LANGUAGES

French: Native

English: Fluent

PROFESSIONAL ENGAGEMENTS & COMMUNITY LEADERSHIP

NVIDIA Deep Learning Institute | Deep Learning Instructor

Delivering Deep Learning Fundamentals workshops for academia across the continent . *2022 – Present*

Zindi | Volunteer Country Ambassador for Senegal

Driving data science growth in Africa by connecting talent with skill-building competitions , fostering industry partnerships , and organizing community events, underscoring a deep passion for technological advancement within the African context .

2021 – Present