

Tailored Resume

Esaïe Alain-Emmanuel KOUPOH

Project Manager | AI & Digital Transformation Leader

Abidjan, Côte d'Ivoire (Remote with relocation preference)

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PROFILE

Visionary Project Manager with over 6 years of proven experience at the intersection of AI, data, and digital transformation, driving strategic initiatives from concept to impactful delivery. Adept at leading multidisciplinary teams, deploying revolutionary AI/ML solutions, and managing complex projects with a focus on innovation and stakeholder collaboration. Passionate about leveraging technology to preserve and advance African cultural identity, aligning with YiRI's mission to build a lasting legacy.

Strategic Project Leadership: Successfully led end-to-end implementation of large-scale data-driven and AI projects, demonstrating strong capabilities in resource planning, risk management, and achieving critical objectives.

Advanced AI & Digital Innovation: Expert in deploying cutting-edge AI (LLM, RAG, ML) and digital platforms, with a track record of creating real-world impact across diverse sectors including education, finance, and healthcare.

Team & Stakeholder Management: Coordinated cross-functional and multicultural teams, mentored over 1000 professionals, and managed key stakeholder relationships to ensure project alignment and success, including financial reporting and KPI tracking for large-scale programs.

Quantifiable Impact: Consistently delivered high-quality outcomes, including achieving 97% on-time project delivery and scaling technical programs to over 700 trainees.

PROFESSIONAL EXPERIENCE

Project Manager Consultant - Data & AI | Orange Côte d'Ivoire

11/2024 – Present | Abidjan, Côte d'Ivoire

Led Agile implementation of mission-critical decision-support systems and data-driven solutions, achieving a **97% on-time delivery rate**.

Coordinated multidisciplinary teams in developing and deploying key digital platforms, including:

REMO: A real-time distribution performance monitoring platform.

Infoview: An AI-powered claims data validation system.

Homologation: An ML system for customer enrollment data verification.

Tracking Kit: An optimized SIM card inventory and distribution tracking solution.

Architected a **Data Mesh model**, establishing domain-oriented data ownership that enabled self-service analytics and fostered cross-functional agility across the organization.

Optimized internal processes and provided mentorship to cross-functional project teams, enhancing overall operational efficiency and team performance.

Lead Data Scientist & Data Product Manager | Data354

09/2024 – Present | Côte d'Ivoire

Pioneered the implementation of advanced ML and LLM models for strategic decision-support systems and product development.

Delivered impactful AI-driven products, showcasing expertise in complex data pipelines and ethical AI deployment:

Contract Conformity Analysis: Leveraged AI (LLMs) to verify contract compliance, ensuring alignment with legal standards and reducing manual review time.

TaxiFlow: Developed an ML model to predict hourly taxi demand, optimizing driver scheduling for enhanced coverage and efficiency.

Avia: Engineered a voice-enabled AI assistant for proactive cardiovascular care, monitoring blood pressure, treatment adherence, and symptoms through regular phone interactions.

Alia: Utilized Retrieval-Augmented Generation (RAG) to process complex legal queries, identify relevant sources, and provide actionable, professionally structured legal responses.

Spearheaded Agile methodology adoption for data-driven solution development, fostering collaborative team environments and accelerating product time-to-market.

Head of Data Science Academy | German Institute of Business and Technology (GIBT)

08/2023 – 05/2024 | Senegal

Led continent-wide data science training programs, **scaling impact to over 700 trainees** as Senior Trainer.

Demonstrated strong leadership in team development and performance management, cultivating a high-achieving educational environment.

Managed critical stakeholder relationships, including comprehensive **financial reporting and KPI tracking**, ensuring program transparency and impact.

Fostered cross-departmental collaboration to optimize marketing and delivery strategies, significantly expanding program reach and effectiveness.

Data Science Program Lead | German Institute of Business and Technology (GIBT)

08/2022 – 07/2023 | Senegal

Directed tech training programs for over **500 students and professionals** in Software Engineering and Machine Learning, strengthening African tech talent.

Designed and optimized comprehensive data science curricula, and delivered engaging lectures as a Senior Trainer.

Streamlined cross-functional operations to ensure seamless program delivery and participant success.

AI Software Engineer | Baamtu Datamation

12/2020 – 07/2022 | Dakar, Senegal

Developed and deployed AI/ML solutions addressing critical real-world challenges, with a focus on African contexts:

Created a **Wolof NLP Dataset Pipeline**, collecting and processing local language data to advance indigenous language technologies.

Engineered **Ganeyi MRZ OCR** for automated ID/passport data extraction, improving efficiency in identity verification processes.

Developed **Wakanda Form OCR API** to accurately structure signup form data.

Built an **Email Automation Tool** that streamlined insurance ticket handling, reducing processing times.

EDUCATION

Master of Artificial Intelligence | Dakar Institute of Technology (01/2022 – Present)

Bachelor in Computer Science | Ecole Supérieure Africaine des TIC - ESATIC(2016 – 2019)

Majors: IT Systems & Software Engineering.

SKILLS

Project & Program Management : Agile Methodologies (Scrum, Kanban), End-to-end Project Execution, Resource Planning, Risk Management, Budget Oversight (KPIs & Financial Reporting), Stakeholder Management, Cross-functional Team Leadership, On-time Delivery, Strategic Planning.

Digital Transformation & AI Leadership: AI/ML/LLM Product Development, Data Platform Deployment, Cloud Computing (Azure, GCP, AWS), Data Mesh Architecture, Data-driven Decision Making, Innovation Strategy.

Technical Expertise : Python (Advanced), SQL, OpenAI APIs, LangChain, PyTorch, TensorFlow, Scikit-learn, Docker, Streamlit, PostgreSQL, Power BI, Jira.

Leadership & Soft Skills: Inspiring Leadership, Mentoring & Training (1000+ professionals), Collaboration, Communication, Problem-Solving, Strategic Thinking, Adaptability.

Cultural & Domain Alignment : Passion for African Culture and Heritage, Experience in Education & Training Sectors, Building Digital Legacy.

LANGUAGES

French: Native

English: Fluent (Duolingo English Test certified)

CERTIFICATES& AFFILIATIONS

Applied AI with DeepLearning | IBM

Full Stack Data Science Training | VIVADATAParis

Deep Learning Instructor | NVIDIA Deep Learning Institute (2022 – Present)

Volunteer Country Ambassador for Senegal | Zindi (2021 – Present)

Drives data science growth by connecting talent with skill-building competitions, fostering industry partnerships, and organizing community events.