

TIMOTHEE KABONGO NKWAR

AI | ML Engineer

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PROFILE

Innovative and proactive Data Scientist with a builder mindset, delivering end-to-end ML products from ideation to production. Strong track record in model governance, scalable pipelines, financial analytics, and cross-functional leadership.

EDUCATION

WorldQuant University
Applied Data Science Labs

Online
June 2025 - August 2025

Cyprus International University
Bachelor of Data Science

Nicosia, Cyprus
January 2023 - January 2027

TECHNICAL SKILLS

- **Languages** Python • SQL • Bash • HTML/CSS
- **ML & Data Science** Scikit-learn • XGBoost • LightGBM • Pandas • NumPy • Matplotlib • Seaborn
- **LLM & RAG Systems** RAG System • Prompt Engineering • Vector Databases (Pinecone) • OpenAI/Ollama • LangChain
- **MLOps & Backend** FastAPI • Flask • Docker • CI/CD (GitLab • GitHub Actions) • Railway • Heroku
- **Cloud & Big Data** GCP (BigQuery, Cloud Run, Vertex AI) • MongoDB • Supabase/PostgreSQL
- **Tools & Environment** Git • Linux • Jupyter • Postman • VS Code • PyCharm

LANGUAGES

French: Native

English: Professional

KEY COMPETENCIES

- Retrieval-Augmented Generation (RAG) chatbots and intelligent information retrieval systems
- Real-time fraud detection & anomaly detection systems using ML models and streaming pipelines
- End-to-end Data Science Projects: From initiation through data engineering, modeling, and deployment to monitoring
- Project management: project planning, task prioritization, milestone tracking, risk management, and delivery under tight deadlines
- Leadership: team coordination, mentoring, decision-making, stakeholder alignment, and ownership of project outcomes
- Cross-functional collaboration with software engineers, DevOps, product owners, and business stakeholders
- **Interpersonal & Soft Skills:** Strong communication, teamwork, adaptability, curiosity, analytical mindset, critical thinking, time management, leadership potential, conflict resolution, attention to detail, problem-solving, empathy, and the ability to work under pressure

WORK EXPERIENCE

- Software And IT Assistant | Software Development Office - Cyprus International University** **October 2025 - January 2026**
- I built an RAG-based chatbot and participated in Attendance QR systems, leveraging LLMs to enhance automation and user engagement.
- AI and Software Intern | Software Development Office - Cyprus International University** **June 2025 - August 2025**
- Collaborated with a software team to develop an intelligent chatbot that handles large datasets.
 - Performed data processing and analysis to improve chatbot accuracy and performance.

PROJECTS

- Credit Card Fraud Detection** [LINK](#) **July 2025**
- Developed a high-performance fraud detection system using optimized machine learning models and anomaly detection techniques.
 - Reduced false positives and improved fraud detection rates through real-time scoring pipelines and automated monitoring.
- DataCraft: Personal Data Science Portfolio Website** | [Website](#) **Founder / Developer, 2024 – Present**
- Designed and developed a personal portfolio website showcasing data science projects, technical skills, and publications.
 - Created clear documentation, interactive visuals, and structured case studies to communicate insights to diverse audiences.
- SpaceX Launch Analysis** | [LINK](#) **June 2025**
- Delivered accurate mission-success predictions and enhanced KPI visibility through API-based data extraction, SQL analysis, exploratory data analysis, and interactive dashboard development.

[More Projects on GitHub](#)

CERTIFICATES

- Data Science Associate — DataCamp** [Credential](#) **Jun 2025**
Python, data wrangling, exploratory analysis, visualization, and machine learning fundamentals.
- IBM Data Science Professional Certificate** [Credential](#) **Apr 2025**
Hands-on projects using Python, SQL, data visualization, and applied machine learning.
- Google Advanced Data Analytics Professional Certificate** [Credential](#) **May 2025**
Advanced analytics, statistical modeling, and machine learning for business problem-solving.
- RAG and Agentic AI — IBM** [Credential](#) **Dec 2025**
Retrieval-Augmented Generation (RAG), agentic AI architectures, and LLM-based workflows for real-world applications.
- Microsoft AI & Machine Learning Engineering Professional Certificate** [Credential](#) **Mar 2026**
Model development, evaluation, and deployment using Microsoft AI/ML tools.
- AI Engineer for Developers Associate — DataCamp** [Credential](#) **2026**
Applied AI engineering concepts, including model integration, LLM workflows, and deployment-ready AI solutions.