

Ngadang Fouelifack Martin Wilfried

Data Scientist & Machine Learning Engineer

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English
French

Passionate Data Scientist and software engineer with growing expertise in Artificial Intelligence, Deep Learning and full-stack development. I help organisations design data-driven and Generative AI solutions — from extracting insights to shipping full production platforms. Curious, methodical and outcome-oriented, I also enjoy sharing knowledge: leading teams, mentoring juniors and training the next generation of data & AI talent.

-	Generative AI & LLMs	Machine Learning	Data & Visualisation
AI & Data Science Expertise	Building RAG pipelines, integrating LLM APIs, prompt engineering and automating workflows.	Classification models, scoring, segmentation and explainability with scikit-learn.	SQL/NoSQL, Power BI, Tableau, Plotly — from data wrangling to decision-ready dashboards.

-	Aiguard / Machine Learning Engineer
Professional Experience	June 2025 — Present, Remote, Cameroon REVIVE AI: a full-stack application (FastAPI + React/TypeScript) for customer churn prediction and analytics, integrated with Salesforce CRM and Snowflake, featuring explainable ML models (LIME) and automated multi-object CSV transformation pipelines. Deployed on GCP with systemd service management. Proposal System: an automated proposal generation pipeline for industrial control and safety systems (Oil & Gas), powered by the Claude API. The 7-phase workflow — RFQ ingestion, Go-By template matching, vendor quote parsing, proposal drafting, BOM costing — cut proposal preparation from days to minutes. - Implemented deterministic I/O schedule extraction from DOCX/PDF engineering documents, historical contract price benchmarking and a product spec document library.

NextView GIE / Lead Frontend Web Developer

2021 — May 2025, Yaoundé, Cameroon

- Led the architecture and development of scalable, modular Vue.js applications on the **Seht App** project, ensuring maintainable codebases and reusable component libraries.
- Managed end-to-end project lifecycles: scope definition, sprint planning, delivery tracking and team coordination.
- Implemented robust state management (Pinia, TanStack) and seamless API integration with REST and GraphQL services.
- Optimised application performance through SSR (Nuxt.js), lazy loading and advanced caching strategies.
- Leadership & supervision:** led code reviews, enforced best practices and mentored junior developers to raise overall team productivity and code quality.

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Teaching & Supervision

TheBrains Group / Frontend Developer

2021 — 2023, Remote, Cameroon

- Designed and implemented scalable Vue.js frontend architectures on the **Mayege (a native language learning application)**, **Trip Africa (a tourism application)**, **goCities** and **Karibu** projects.
- Developed reusable component libraries and optimised performance (SSR, caching).
- Collaborated closely with design and backend teams to ship high-performing UI/UX.

PADGOF / GIZ — Cameroon Audit Court (Chambre des Comptes) / Training Consultant — Audit & AI

1 — 5 June 2026 (9-day mission), Yaoundé, Cameroon

- Designed and delivered a 5-day in-person training — **"Modern Audit Trends Integrating AI"** — for 20 magistrates, registrars and auditors of the Cameroon Audit Court.
- Coverage of the AI-assisted audit cycle: tool landscape (LLMs, data analytics), planning & risk mapping, fraud detection (Benford's law, clustering), automated tests and AI-assisted report writing.
- Produced pedagogical materials, datasets contextualised to Cameroonian public finance, and ethical / regulatory framing (INTOSAI, ISSAI, data governance, algorithmic bias).

Siantou University Institute / Part-time lecturer — Engineering Department

2025 — Present (1 year), Yaoundé, Cameroon

- Lecturing in the engineering department: designing and delivering courses, tutorials and lab sessions for engineering students.
- Preparing teaching materials, assessment papers and providing one-to-one guidance to learners.
- Sharing technical skills aligned with current industry needs (software development, data & AI).
- Academic supervision of students: mentoring on dissertations, final-year projects and oral defences.
- Professional supervision of interns in companies: scoping assignments, technical follow-up and final review.
- Technical mentoring in Python, Vue.js and Machine Learning / AI workflows.

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Education

Saint Jean University Institute — Yaoundé / Master in Data Science

2021 — 2023, Yaoundé, Cameroon

Specialisation in data science, machine learning, advanced statistics and data engineering.

IAI Cameroon — Yaoundé / Bachelor in Software Engineering

2019 — 2021, Yaoundé, Cameroon

Software engineering training: algorithms, databases, web development and application architecture.

- Training & Certifications	Machine Learning Specialization (DeepLearning.AI & Stanford University) Generative AI with Large Language Models (Coursera / DeepLearning.AI) Deep Learning (TensorFlow, PyTorch — self-taught and applied projects) Data Visualization (Power BI, Tableau)
- Digital Skills	Languages Python, JavaScript / TypeScript, SQL AI & ML TensorFlow, PyTorch, scikit-learn, RAG Backend FastAPI, Express.js, REST & GraphQL Frontend Vue.js, Nuxt.js, React.js, Pinia, TanStack Data Apache Hadoop, Apache Spark, SQL / NoSQL, Snowflake Dataviz Power BI, Tableau, Plotly, Shiny, Matplotlib
- Languages	French (native) English (native)
- Interests	Technology Machine learning, deep learning, DevOps, networks & communication Sports Racing, tennis, football Hobbies Animes, exploration and travel