

Jeremie Nlandu Mabiala

AI/ML Engineer | Researcher | Software Developer

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LinkedIn: linkedin.com/in/jeremie-nlandu | GitHub: github.com/yourusername

Education

Master's in Artificial Intelligence

African Institute for Mathematical Sciences (AIMS), Senegal - 2023 - Present

Master's in Mathematics

Stellenbosch University & AIMS South Africa, Cape Town - 2021 - 2022

BSc in Mathematics (Grande Distinction)

University of Kinshasa, DRC - 2016 - 2021

Experience

ML Tutor Fellow

African Institute for Mathematical Sciences (AIMS), 2023 - Present

- Mentored students in Machine Learning, Deep Learning, and Python programming
- Designed teaching materials for bootcamps and AI research projects

Software Developer (Freelance)

2021 - Present

- Built full-stack web apps using FastAPI, Next.js, Supabase, and Azure
- Deployed AI-powered tools including summarizers and chatbots

Skills

Languages: Python, JavaScript, SQL

Frameworks: FastAPI, Next.js, React, Flask

AI/ML: Scikit-learn, Hugging Face, LLaMA, GPT, Evidently

DevOps: Docker, GitHub Actions, Azure, Vercel

Databases: PostgreSQL, Supabase, SQLite

Projects

- AI-Powered Portfolio Builder - No-code CMS using LLMs and CV parsing
- EduCheck RDC - AI-driven plagiarism and exam integrity platform for Congolese universities
- Mobile Money App (DRC) - Offline-first fintech app using QR and SMS APIs

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Languages

- French (Native)
- English (Fluent)