Seydou DIANKA

AI Automation Engineer & Full-Stack Developer

Dakar, Senegal · Remote (GMT) · diankaseydou52@gmail.com · +221 78 131 13 71
Portfolio · GitHub · LinkedIn · Book a call

PROFILE

Full-stack developer and automation engineer building AI agents, n8n workflows and SaaS products for African and international businesses. Founder of two SaaS products (GeStockPro, Portefolia), currently completing a Master's in Artificial Intelligence. Open to remote freelance, contract or full-time roles.

SELECTED PROJECTS

GeStockPro — AI-native cloud ERP for West African SMEs · Founder & lead developer · gestock.realtechprint.com

- Stock, invoicing, quotes, customers/suppliers, receivables recovery, analytics, AI chatbot and HR module; plans from 7,900 to 69,000 FCFA/month with a 14-day free trial.
- React/TypeScript (Vite), Node.js/Express, PostgreSQL, PM2/nginx on a self-managed VPS, n8n automation.

Portefolia — portfolio & NFC business-card platform · Founder · portefolia.tech

- 46 portfolio templates, 4-role RBAC, financial KPI engine, admin dashboard, multi-tenant B2B, visit analytics, NFC card pre-orders (4 offers).
- Wave and Stripe payments with manual Wave validation; React 18/TypeScript, Node.js/Express, MySQL, n8n workflows.

Bouba AI — conversational AI executive assistant (in development)

- Multi-agent assistant (email, calendar, contacts, finance) orchestrated with n8n and DeepSeek; GDPR-oriented design, AES-256 encryption; entered in the Global iSAFE Hackathon.
- Next.js, TypeScript, Tailwind, Supabase/PostgreSQL, Stripe, Pinecone.

RAG chatbot on company data — client contract (confidential), in production

- Chatbot answering from internal documents with source citations, nightly indexing via n8n, available on Slack and WhatsApp. Stack: n8n, OpenClaw, Python, LangChain, Pinecone.

WhatsApp automation for an ERP (school/crèche management)

- n8n + Meta WhatsApp Cloud API pipeline for invoices, receipts, reminders and announcements, with multi-country number normalisation and send logging; Botpress support agent.

Other work

- HR information system (rules engine, overtime workflow, payroll propagation) · lead-scoring n8n system with an AI agent, Apollo.io and Pipedrive · React Native apps (field-agent violation management; PDF-to-Word converter) · client websites (construction company, artist showcase) · CarTalks, an automotive WordPress blog with SEO automation (since Dec 2024).

EXPERIENCE

Full-Stack Developer — Université Amadou Hampâté Bâ (UAHB), Senegal
Mar 2025 – Jun 2026 · preceded by a developer internship (Jul 2024 – Sep 2025)

- Web applications in PHP, Laravel, JavaScript, HTML and CSS; database migration between two MySQL instances for the university's graduation system.

Digital Marketing Project Manager — VNB-IT
Mar 2025 – Jun 2025

Founder — GeStockPro, Portefolia · Freelance automation developer
2024 – present

EDUCATION

Master 1 in Artificial Intelligence — Dakar Institute of Technology (DIT), Master 2 specialisation upcoming

- Coursework projects: neural network from scratch (NumPy), CNN vs transfer learning (PyTorch), unsupervised learning (PCA, K-Means, DBSCAN, GMM), MongoDB/NoSQL, DevOps microservices (FastAPI, Docker Compose, Jenkins CI/CD), IoT with ESP32 and ThingsBoard (MQTT).

SKILLS

Automation & AI: n8n, OpenClaw, LangChain, RAG (Pinecone), OpenAI / Anthropic / DeepSeek APIs, Botpress, WhatsApp Cloud API

Backend: Node.js (Express), Python (FastAPI, Pandas), PHP/Laravel, PostgreSQL, MySQL, MongoDB

Frontend & mobile: React, Next.js, TypeScript, Tailwind CSS, React Native

DevOps & IoT: Docker, PM2, nginx, Jenkins, Linux VPS administration, ESP32, MQTT, ThingsBoard

Integrations: Stripe, Wave, Meta Cloud API, Apollo.io, Pipedrive, Gmail/Google Calendar APIs

LANGUAGES

French (native) · English (professional working level, improving)