

Favour Osemujiame Atane

AI & Automation Engineer

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PROFESSIONAL SUMMARY

AI & Automation Engineer with 4+ years building production AI agents and automation systems on n8n, Make.com, and Microsoft Fabric Agent Builder. Evaluates models on cost, accuracy, and speed rather than defaulting to one, with agents in production processing 1,000+ documents and cutting multi-week manual cycles down to minutes. Comfortable owning an engagement end to end: mapping the workflow, building the agent, and getting the team to actually adopt it.

TECHNICAL SKILLS

Automation & AI: n8n, Power Automate, Make.com, Microsoft Fabric Agent Builder, Azure Document Intelligence, Landing.AI OCR, Snowflake Cortex, LLM Integration (GPT-4, Claude, Gemini), AI Agent Development, Model Routing & Cost Optimization

Programming: SQL, Python

Data Engineering: Azure Data Factory, Microsoft Fabric, Databricks, dbt, Git/GitHub

Architecture: Medallion Architecture, Lambda Architecture, Kappa Architecture

BI & Visualization (supporting): Power BI, Snowflake, Streamlit

PROFESSIONAL EXPERIENCE

AI Automation Engineer

July 2025 — Present

The Jada Squad — Dubai, UAE

- Built a flagship AI-powered menu extraction pipeline processing 1,000+ restaurant menus, using Landing.AI OCR and a comparative evaluation across GPT-4o, Claude Sonnet, and Gemini; cut manual processing time by 85% with 94% extraction accuracy in production, presented at the AI Builders Mixer
- Built an HS tariff classification agent on Pinecone and GPT-4.1, validated with a dual-agent architecture against a 50-SKU sample, automating cross-border trade classification across EU, GCC, and USA customs regimes
- Designed a multi-agent RFP generation pipeline (orchestrator, analyst, RFP builder, CV specialist, proposal builder) that turns a conversation into a client-ready PowerPoint across 4 templates
- Built an invoice-to-pay automation in Make.com and Azure AI Foundry, automating 3-way matching with intelligent exception handling to cut manual review to genuine exceptions only
- Built automated email and database integration workflows eliminating manual data entry for operations teams

Senior Business Intelligence Analyst

June 2026 — Present

Workaholic360 — Remote (client-based engagement)

- Built an AI agent that cut a monthly report cycle from about two weeks to a few minutes, a reduction of over 99%
- Built a second AI agent automating a scheduling activity report, flagging a key operational metric in real time instead of after a manual pull
- Built a Streamlit self-service tool letting end users generate and adjust their own reports without routing requests through the BI team

Data and Analytics Associate

December 2024 — June 2025

The Jada Squad — Dubai, UAE

- Built the data pipeline foundation (Azure Data Factory, Databricks, SQL) that later production agents were layered on top of, automating ingestion from 10+ sources

Black in AI Safety and Ethics (BASE) Fellow

April 2026 — July 2026

Remote

- Researched AI governance and assessment ethics; authored a policy brief on AI verification and deployment governance and a policy memo on Nigeria's AI environmental sustainability gap

Data Analytics Instructor

April 2024 — December 2024

Digital Fortress Institute — Lagos, Nigeria

- Delivered advanced data analytics training to 50+ professionals in Excel, Power BI, SQL, and Python, resulting in a 25% improvement in data handling proficiency

Mentorship Program Leader

July 2024 — November 2024

Independent — Remote

- Founded and managed a mentorship program supporting 50+ women in data analytics, delivering personalized learning plans that produced a 30% technical skills improvement

KEY PROJECTS & ACHIEVEMENTS

HORECA Menu Extraction Pipeline

- Flagship production agent: Landing.AI OCR + multi-model LLM evaluation, fuzzy brand matching, and a custom dashboard, processing 1,000+ menus at 94% accuracy

RFP Generation Agent

- Multi-agent pipeline turning a conversation into a client-ready PowerPoint proposal across 4 selectable templates, built on n8n and Open WebUI

CERTIFICATIONS

- SnowPro Associate: Platform Certification
- Microsoft Certified: Fabric Data Engineer Associate
- Microsoft Certified: Power BI Data Analyst Associate
- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Data Fundamentals
- Python Data Associate — DataCamp
- SQL Associate — DataCamp
- Oracle Analytics Cloud 2025 Certified Professional
- Oracle Data Platform 2025 Certified Foundations Associate
- Oracle Infrastructure 2025 Certified Foundations Associate

EDUCATION

University of Benin

March 2023

Bachelor of Science in Microbiology

Tech 4 Dev Women Techsters Fellowship

March 2023

Data Science and A.I.

Black in AI Safety and Ethics (BASE) Fellowship

April 2026 — July 2026

AI Governance and Assessment Ethics

AREAS OF EXPERTISE

AI & LLM Integration | AI Agent Development | OCR & Document Processing | Process Automation | Workflow Orchestration | Trade Classification & HS Codes | Data Engineering & Architecture | Business Intelligence