Abdulrafiu Izuafa

AI/ML Engineer and Consultant • Microsoft MVP
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SUMMARY

I build production AI systems for enterprise clients, and I was named a Microsoft MVP at 18, among the youngest globally. Right now I am the sole engineer on an enterprise analytics agent at Onyx Data, a UK Microsoft Solutions Partner, built on Azure AI Foundry and Microsoft Fabric. I design agent architectures, harden them for security and governance, and take products through Microsoft's full ISV certification onto Azure Marketplace. I also wrote AAEP, an open standard for AI agent accessibility, and I have published research on accessibility and machine learning. First Class degree in Software Engineering.

EDUCATION

BSc Software Engineering, First Class Honours 2022 – 2026
Veritas University Abuja • Graduated 23 July 2026
CGPA 4.76 / 5.00, ranked 3rd of 123.

TECHNICAL SKILLS

AI and Agents: Azure AI Foundry, Azure OpenAI, Microsoft Copilot, Copilot Studio, agent architectures, tool calling, RAG, prompt engineering, evaluation and anti-hallucination design

Data and Cloud: Microsoft Fabric, OneLake, Delta Lake, Medallion architecture, Power BI, Azure infrastructure, multi-tenant systems

Languages: Python, TypeScript, JavaScript, SQL

Engineering: Flask, React, REST APIs, Git and GitHub, CI/CD, Docker

Security and Governance: Row-level and object-level security, on-behalf-of (OBO) auth, tenant isolation

PROFESSIONAL EXPERIENCE

Senior AI/ML Consultant, Onyx Data Ltd Feb 2025 – Present
UK-based Microsoft Solutions Partner • Remote (Abuja, Nigeria)

- Sole engineer on a production analytics agent for a global market-research client, built on Azure AI Foundry and Microsoft Fabric. Users ask questions in plain language inside Microsoft Teams and get forecasts and scenario simulations back.
- Got warm query times down to about 0.8 seconds for forecasts and 4 seconds for simulations, through caching, query planning, and cutting the number of tool calls.
- Built row-level and object-level security with an on-behalf-of token flow, so each person only sees the data their permissions allow.
- Rewrote the prompt architecture five times to harden it, and traced a UAT accuracy issue back to taxonomy mismatches in the source systems.
- Ran the Phase 03 knowledge transfer for the client team, including a 29-slide technical handover.

Founder and Lead Engineer, FabOps Intelligence 2025 – Present
Independent ISV product on Microsoft Fabric

- Built a multi-tenant Microsoft Fabric governance workload from scratch and took it through Microsoft's full ISV process: Workload Hub validation (ID #2061169), an Azure Marketplace listing, and conditional public preview approval.
- Passed Microsoft's 106-test compliance suite and shipped the whole product surface: multi-tenant onboarding, marketplace subscription management, and admin dashboards.

Founder, AzureLearn AI 2024 – Present
Developer community across Africa and the Caribbean

- Grew a developer community to 1,500+ members and trained 1,300+ engineers on the Microsoft AI and Azure stack, reaching a 92% certification pass rate against a roughly 52% industry baseline.
- Run an AI-for-accessibility newsletter with 5,500+ subscribers.

Research Fellow, Centre for Journalism Innovation and Development (CJID) 2024 – 2025

- Built NAP, a news platform so people who are deaf or blind can read the news. Published in IRJMETS (2025).

PROJECTS AND OPEN SOURCE

AAEP, Agent Accessibility Event Protocol 2026

Creator and maintainer • aaep-protocol.org • github.com/Ramseyxlil/aaep

- Wrote an open standard that lets AI agents emit structured events assistive technology can announce. It sits alongside MCP (agent-to-tool) and A2A (agent-to-agent) as the agent-to-assistive-technology layer.
- Shipped v1.0.0 with reference implementations, a conformance suite, Python and npm packages, and an NVDA screen-reader add-on with Yoruba, Hausa, and Igbo support. Member of the Microsoft MVP Accessibility Vanguard.

PUBLICATIONS

- News Accessibility Platform (NAP): Enhancing News Accessibility for People with Disabilities. IRJMETS, 2025.
- Comparative study on malaria detection using convolutional neural networks and TensorFlow.

LICENSES AND CERTIFICATIONS

Microsoft Certified: Agentic AI Business Solutions Architect · ID 51A4D054EF0A0A43 Jan 2026
Microsoft Certified: Azure DevOps Engineer Expert · ID 6F968F207DF839 Jul 2025
Microsoft Certified: Azure Data Scientist Associate Jun 2025
Microsoft Certified: Azure AI Engineer Associate · ID 858BAC8736A1873 Apr 2025
Microsoft Certified: Azure Solutions Architect Expert · ID 44E943AA46DB4918 (expired Mar 2026) Mar 2025
Microsoft Certified: Azure Administrator Associate · ID 6AABE779E54BAB47 (expired Mar 2026) Mar 2025

AWARDS AND RECOGNITION

- Microsoft Most Valuable Professional (MVP), awarded at 18 and among the youngest globally.
- Winner, Africa's First AI-Powered Inter-University Quizathon. 350,000 NGN prize, 7,000+ participants across 150+ universities.