

ABUBAKAR SADIQ MUHAMMAD

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EDUCATION

Usmanu Danfodiyo University, Sokoto | Electrical & Electronics Engineering Expected 2028
Academic Standing: First Class | CGPA: 4.97 / 5.00
Relevant Courses: Digital Systems, Linear Algebra, Algorithm Design, AI Systems, Signal Processing, Data Structures and Algorithm

Baze University, Abuja | Professional Diploma in Applied Artificial Intelligence 2024 – 2025
Grade: Distinction

Umaru Ali Shinkafi Polytechnic, Sokoto | Electrical & Electronics Engineering 2022 – 2024
Grade: Distinction | Best Graduating Student | CGPA: 3.73 / 4.00

PROFESSIONAL EXPERIENCE

AI / ML Engineer, GrandGale Technologies, Nigeria Jan 2026 – Present

- Lead AI/ML development across 2 production platforms, serving 200+ users across 2 regions and supporting ~1,500 monthly transactions.
- Built demand forecasting and routing models achieving ~90% accuracy, with estimated 25% faster delivery times and 15% lower operational costs.
- Developed 50+ FastAPI endpoints and NLP matching pipelines handling 1,000+ daily requests; mentored 5 junior engineers and established ML development standards.

Product Manager, GrandGale Technologies, Nigeria Oct 2025 – Jan 2026

- Led 3 products from ideation through post-MVP, serving 1,000+ users; translated user and business needs into product requirements, priorities and delivery plans.
- Engaged engineering and business stakeholders to define product requirements, prioritize features and coordinate cross-functional delivery across product and technical teams.
- Managed product operations across the product lifecycle, using user feedback and operational data to identify improvements, support adoption and optimize product performance.

Software Engineering Intern, Mently, Nigeria Jun 2025 – Sep 2025

- Developed and deployed python backend services for ML-powered applications, integrating predictive models into production workflows.
- Built data-processing and ML pipelines across 15,000+ records, achieving 89%+ model accuracy and exposing predictions through REST APIs.

TECHNICAL SKILLS AND CERTIFICATIONS

- Skills:** Python, SQL, Machine Learning, Deep Learning, RAG / LLM Systems, Statistical Modelling, Git/GitHub, REST API, Docker.
- Citibank Technology Software Development Job Simulation** - Forage (2026): Systems Design, Java, API Development, Risk Assessment, Process Mapping, Data Visualisation, Backend Development.
- Certifications:** Certiport IT Specialist in Software Development (2026) · IBM Data Science Professional Cert (2025) · 365 Data Science Data Scientist Track (2024) · McKinsey Forward Programme (2024).

SELECTED PROJECTS & ACHIEVEMENTS

- Loan Default Prediction System: Built an end-to-end financial-risk prediction pipeline across **148,670 loan records**, engineering loan-to-income and debt-to-income features and evaluating Logistic Regression, Random Forest and XGBoost models and deployed the selected model as a FastAPI REST API, containerised with Docker and tested with Pytest to deliver real-time risk predictions. | [Link](#)
- Retrieval-Augmented Tax Intelligence System: Full semantic querying pipeline over Nigeria Tax Act using LangChain, vector databases, and LLM integration; applied NLP for structured legal document intelligence | [Link](#)
- Two Time Hackathon winner: UDUS IT Compete & NITDA iHatch
- 2nd Best IJMB A-Level Result in Nigeria (Distinction, 2023)

LEADERSHIP EXPERIENCE

Innovation Lead, Hult Prize On Campus (UN-Partnered Global Social Entrepreneurship Competition) Mar 2026 – Jul 2026

- Led team to Top 5 national ranking addressing an African development challenge; presented to an international judging panel.
- Coordinated ideation, research and team execution across a multidisciplinary student team, translating an identified problem into a structured solution and driving progress from concept development through competition stages.

Campus Lead, RAIN Nigeria (MIT-Partnered Research & Innovation Network) Dec 2024 – June 2025

- Coordinating research and innovation activities across campus, connecting students to MIT-partnered programmes and facilitating cross-disciplinary collaboration within a nationally recognised innovation network.
- Organized and engaged over 200 students on research, technology and innovation, helping create pathways for students to discover opportunities, collaborate on ideas and participate in broader innovation initiatives.

Student Ambassador, NITDA (National Information Technology Development Agency) Aug 2025 – Present

- Representing Nigeria's national technology development agency on campus, bridging government digital development programmes and student communities.
- Engaged over 700 students to increase awareness and participation in technology and innovation initiatives, serving as a bridge between government-led programmes and the university community.