

## AHMAD MUHAMMAD SALISU

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### Professional Summary

Detail-oriented and proactive backend developer and AI researcher with a strong foundation in Artificial Intelligence, Machine Learning, and Natural Language Processing. Experienced in designing and deploying AI solutions for real-world challenges in Nigeria, including low-resource languages, digital education, and public service applications. Combines strong technical skills with hands-on project management and collaborative agile experience. Committed to producing clean, scalable, and secure code while exploring AI-driven solutions for underserved communities.

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### Core Competencies

- **AI & ML Research:** Supervised learning, NLP, speech recognition, recommendation systems, AI for low-resource languages
  - **Backend Development:** Laravel, Express.js, Node.js, RESTful APIs, FilamentPHP, Livewire
  - **DevOps & Deployment:** Git, Docker (basic), cPanel, VPS
  - **Database Management:** MySQL, PostgreSQL, MongoDB, Firebase
  - **Version Control & Collaboration:** GitHub, GitLab, Bitbucket
  - **API & Documentation:** Postman, Swagger/OpenAPI, Insomnia
  - **Project Management Tools:** Asana, Trello, Slack
  - **Soft Skills:** Communication (English, Hausa, Arabic), Problem-Solving, Time Management, Teamwork
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### Academic Research & Projects

- **AI & ML for Nigerian Languages (2023–2024)**  
Developed NLP pipelines for **Hausa and Yoruba text classification** and sentiment

analysis using Python (TensorFlow & PyTorch). Implemented preprocessing techniques for low-resource languages, including tokenization and data augmentation.

- **Machine Learning for Educational Assessment (2022–2023)**  
Built a predictive model to identify students at risk of underperformance using historical academic records. Integrated model into a Laravel-based dashboard for schools.
- **Kundi POS Plus Inventory App (2024)**  
Oversaw backend architecture and integration with analytics for Nigerian small and medium enterprises, including AI-based stock prediction modules.

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## Professional Experience

- **Product Manager | SteadFast Technologies — 2024–2025**  
Led development and deployment of **Kundi POS Plus**. Documented software architecture and generated user manuals. Coordinated backend team and integrated AI-based features for inventory predictions.
- **Field Officer | Al-Qahda Charity Organization — 2022–2024**  
Conducted digital data collection, backend data processing, and analysis for field operations across Kano State.
- **Logistics Manager | Flexisaf Foundation Workshop, Kano — 2022**  
Managed logistics and technology infrastructure setup for workshop participants, including data-driven reporting systems.

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## Education

- **B.Sc. Computer Science — Bayero University Kano (2020–Present, In-View)**  
*Focus: Artificial Intelligence, Machine Learning, NLP applications*
  - **National Business and Technical Certificate (NABTEB) — GTC Ungogo (2019)**
  - **FSLC — BUK Staff Model Primary School (2007–2013)**
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## Conferences & Seminars

- Presenter: “AI for Low-Resource Languages in Nigeria” — Kano AI & ML Meetup, 2023
  - Participant: *Nigerian NLP Symposium* — Abuja, 2022
  - Workshop: *Machine Learning and NLP Techniques for Social Impact* — Bayero University, 2022
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## Publications (Selected)

1. Salisu, A.M., Adegbite, T., & Musa, H. (2024). *Text Classification for Low-Resource Nigerian Languages Using Transformer Models*. Nigerian Journal of Computing Research, 12(2), 45–60.
  2. Salisu, A.M., & Bello, F. (2023). *NLP for Hausa and Yoruba: Building Datasets and Language Models for Low-Resource African Languages*. African Journal of Artificial Intelligence, 8(1), 22–37.
  3. Salisu, A.M., & Umar, M.S. (2025). *Speech Recognition Models for Underrepresented Nigerian Languages: Challenges and Applications*. International Conference on African Language Technologies (ICALT), Lagos, Nigeria.
  4. Salisu, A.M., & Hassan, J. (2025). *Leveraging Generative AI for Digital Inclusion in African Educational Platforms*. Journal of AI and Society, 15(3), 101–115.
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## Certifications

- **Advocate and Community Leader** – LEAP Africa (Aug 2025)  
*Skills:* Community Development, Community Organizing, Leadership
- **Hashgraph Developer** – The Hashgraph Association (Aug 2025)  
*Credential ID:* 7d9718c2-a5f2-4f3b-85a6-6e4d1c9aec3b  
*Skills:* Distributed Ledger Technology, Smart Contract Development
- **Career Essentials in Generative AI** – Microsoft & LinkedIn (Jun 2025)  
*Credential ID:*  
fe850932b7af41c55ab1dfc1c73b2c670432e1d68245d2164d3c68e1fd7feb78  
*Skills:* Prompt Engineering, AI Workflow Optimization

- **Ethics in the Age of Generative AI** – LinkedIn (Jun 2025)  
*Skills:* Responsible AI, Computer Ethics, Ethical AI Deployment
  - **Generative AI: The Evolution of Thoughtful Online Search** – LinkedIn (Jun 2025)  
*Skills:* Artificial Intelligence for Business, Search Engine Technology, NLP Applications
  - **Introduction to Artificial Intelligence** – LinkedIn (Jun 2025)  
*Skills:* Artificial Intelligence (AI), Machine Learning Foundations
  - **What Is Generative AI?** – LinkedIn (Jun 2025)  
*Skills:* Generative AI Tools, Artificial Intelligence (AI), Prompt Optimization
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## Interests

- AI/ML for underserved communities and low-resource languages
  - Backend architecture design and scalable systems
  - Open-source contributions and automation
  - Continuous professional development
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## Referees

- **Prof. Badayi Sani** — Head of Economics Department, Bayero University Kano | +2348038278267
- **Dr. Muhammad Salisu Umar** — Examination Officer, Dept. of Islamic Studies, Federal College of Education Kano | +2348035943204 | [Abunuaim.msu@gmail.com](mailto:Abunuaim.msu@gmail.com)