

Adamu Danjuma Abubakar

Human-Centered AI & NLP Consultant | AI for Development (AI4D)

adamudanjuma1@outlook.com | adamu.tech | linkedin.com/in/adamudanjuma

PROFESSIONAL PROFILE

Human-centered AI and NLP consultant with expertise in **AI for Development (AI4D)**, **multilingual communication systems**, and **responsible AI deployment** in humanitarian and development contexts. PhD Candidate (ABD) in Applied Computational Linguistics with experience supporting **research, assessments, third-party monitoring (TPM), and evidence-based programme design** in fragile and low-resource environments across Africa. Strong focus on ethical, culturally grounded, and field-oriented AI and digital innovation.

CORE CONSULTING EXPERTISE

- Artificial Intelligence for Development (AI4D)
- Multilingual Natural Language Processing (NLP)
- Responsible AI, Ethics & Safeguarding
- Research, Assessment, Evaluation & TPM Support
- Human-Centered AI Design and Evaluation
- Digital Innovation for Accountability and AAP
- Capacity Building and Technical Advisory

THEMATIC ALIGNMENT

- AI-powered decision support for humanitarian and development programmes
- NLP tools for community engagement, feedback, and inclusion
- Ethical AI governance, bias mitigation, and safeguarding in vulnerable contexts
- Research, learning, and evidence generation in complex environments

PROFESSIONAL EXPERIENCE

Graduate Teaching & Research Assistant — University of Alabama

United States

2021 – Present

- Designed and analyzed multilingual datasets relevant to low-resource and fragile contexts
- Applied computational and qualitative methods to discourse analysis, research synthesis, and evaluation
- Supported AI-adjacent projects through human-in-the-loop review and linguistic validation
- Delivered training and mentorship on ethical research practices, data interpretation, and multilingual analysis

Research Investigator (Consultancy / Field Assignment) — COOPI

Central African Republic

- Conducted multilingual field research in fragile and low-resource environments
- Supported assessments and evidence generation for development and public-health programmes
- Applied participatory, context-aware, and ethically grounded data-collection methodologies
- Contributed to accountability, learning, and programme adaptation processes

TECHNICAL & ANALYTICAL TOOLS

Applied, evaluative, and collaborative use:

Google AI Studio, Hugging Face, Python (applied use), NLP evaluation frameworks, ATLAS.ti, Voyant Tools, GIS (interpretative use), GitHub, Visual Studio Code

EDUCATION

PhD (ABD), Applied Computational Linguistics

University of Alabama

Focus: Language, culture, gender, and knowledge systems in Central African contexts

MA, Romance Languages & Cultures — University of Alabama

BA, French Studies — University of Ilorin, Nigeria

LANGUAGES

Hausa (Native)

Fulfulde, French, Sango (Fluent)

English (Fluent)

Arabic, Yoruba (Professional)

German, Spanish (Basic)