

YUSUF OLAWALE SAMSON

Nigeria | olawalesamson251@gmail.com | <https://www.linkedin.com/in/olawale-samson-655739418?trk=contact-info>

PROFESSIONAL SUMMARY

Detail-oriented AI Data Annotator and Domain Specialist with a strong background in Biotechnology, Mobile Application QA Testing, and Molecular Biology. Experienced in evaluating complex datasets, executing systematic mobile testing frameworks across OS environments, and annotating biological and technical data to fine-tune machine learning and RLHF models. Adept at identifying edge cases, maintaining rigorous quality control, and bridging life science domain expertise with AI data pipelines.

CORE COMPETENCIES

- **AI Annotation & RLHF:** Domain-Specific Data Labeling, RLHF Evaluation, Model Quality Verification, Edge-Case Identification, Prompt/Response Quality Control
- **Mobile QA & Application Testing:** Mobile OS Manual Testing, Mobile UI/UX Inspection, Test Case Design, Boundary & Edge-Case Analysis, Defect Identification
- **Molecular Biology & Lab Tech:** PCR & cDNA Synthesis, Biosensors & Colorimetric Assays, Microfluidics (μ PADs), DNA/RNA Extraction, Gel Electrophoresis, SOP Compliance

PROFESSIONAL EXPERIENCE

AI Data Annotator & RLHF Specialist | *Freelance / Remote Project Work* 2025 – Present

- Evaluated and annotated complex datasets, including technical text and domain-specific biological data, to train and fine-tune large language and machine learning models.
- Reviewed AI-generated outputs for accuracy, logical consistency, tone, and domain correctness using Reinforcement Learning from Human Feedback (RLHF) guidelines.
- Identified model hallucinations, edge cases, and quality anomalies, contributing to benchmark performance improvements across target prompts.
- Maintained data consistency standards above 98% through systematic cross-checking and adherence to custom annotation taxonomies.

Mobile Application QA Tester & Data Quality Specialist | *Independent Projects / Testing* 2025 – 2026

- Executed comprehensive manual, functional, exploratory, and regression testing across mobile applications on various mobile operating systems.
- Designed and documented detailed test scenarios, boundary conditions, and edge-case test suites to evaluate mobile app responsiveness, stability, and usability.
- Identified, categorized, and documented application defects, UI glitches, and performance bottlenecks across mobile device environments.
- Evaluated mobile application user flows to streamline data input validation and enhance overall user experience.

Molecular Biology & Biosensor Researcher / Lab Assistant | *Teady Bioscience Research Lab / FUTA* 2025 – 2026

- Conducted molecular assays and laboratory protocols including RNA extraction, cDNA synthesis, PCR amplification, and gel electrophoresis.
- Performed research on paper-based microfluidics (μ PADs), biosensor characterization, and quantitative colorimetric readouts.
- Maintained meticulous digital experimental records and calibration logs in alignment with strict standard operating procedures.
- Analyzed experimental datasets for accuracy, identifying variances to optimize protocol repeatability and readout reliability.

EDUCATION

Bachelor of Technology in Biotechnology

Federal University of Technology, Akure (FUTA) | Class of 2025

TECHNICAL PROJECTS

- Biomedical & Technical Data Annotation Pipeline: Curated and labeled domain-specific datasets for machine learning applications, applying structured tagging for biological and technical entities.
- Microfluidic Biosensor Quantitative Readout Validation: Conducted colorimetric analysis and image-based data collection for quantitative diagnostics, ensuring high-accuracy data inputs for computational analysis.
- Mobile OS Application Testing Suite: Formulated end-to-end manual test cases, boundary checks, and defect logs for mobile applications operating across mobile platforms.