

Ekemini Joshua Mendie

RLHF Specialist | AI Data Annotation & LLM Evaluation | Prompt Engineer | Senior Software Engineer
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PROFESSIONAL SUMMARY

Specialist in Reinforcement Learning from Human Feedback (RLHF) and AI alignment with 2+ years of hands-on experience evaluating, ranking, and annotating large language model outputs to directly improve model safety, helpfulness, and instruction-following. Combines deep technical fluency in software engineering and AI systems with meticulous attention to annotation quality, enabling nuanced evaluation of complex code generation, multi-turn dialogues, reasoning tasks, and creative content. Proficient in preference ranking, comparative evaluation, red-teaming for harmful output detection, constitutional AI alignment review, and prompt engineering. 10+ years of technology experience across fintech, security, and AI-powered products provides rare domain breadth for specialist annotation tasks. Committed to high inter-annotator agreement (IAA), clear documentation, and audit-ready datasets that measurably advance model performance.

CORE COMPETENCIES — RLHF & AI ALIGNMENT

RLHF & Alignment: Preference Ranking, Comparative Evaluation, Reward Model Training Data, Constitutional AI Review, Instruction-Following Assessment, Response Quality Scoring, Helpfulness & Harmlessness Evaluation, SFT Data Curation

Annotation Expertise: Text & Dialogue Annotation, Named Entity Recognition (NER), Intent Classification, Sentiment Analysis, Toxicity & Safety Flagging, Code Annotation, Multi-turn Conversation Labeling, Structured Data Annotation

Prompt Engineering: Prompt Design & Iteration, Adversarial Prompting, Red-Teaming, Jailbreak Detection, System Prompt Evaluation, Prompt-Response Alignment

Tools & Platforms: Label Studio, Labelbox, Argilla, Prodigy, Scale AI-style workflows, Revelo, Google Sheets, Notion, JIRA, Slack, Confluence

Technical Skills: Python, JavaScript/TypeScript, React.js, Next.js, Node.js, Flask, PostgreSQL, Firebase, REST APIs, Git, Docker, AWS, Vercel, LangChain, GPT API integration

Quality & Process: Inter-Annotator Agreement (IAA), QA Pipeline Review, Annotation Guideline Authoring, Edge Case Resolution, Agile Sprint Delivery, Audit-Ready Deliverables, Test Writing & Execution (Unit, Integration & E2E)

PROFESSIONAL EXPERIENCE

RLHF & AI Data Annotation Specialist (Contract) | Revelo.com | Oct 2025 – Present | Remote

- Perform preference ranking and comparative evaluation of LLM responses (GPT-4, Claude, Gemini-class models), directly generating reward model training signals used in RLHF fine-tuning pipelines.
- Evaluate model outputs against multi-dimensional rubrics covering accuracy, safety, instruction-following, coherence, fluency, and helpfulness; annotations feed directly into production RLHF cycles.
- Conduct adversarial red-teaming and jailbreak testing to surface harmful outputs, policy violations, bias, and misinformation; document findings with structured rationale for safety teams.
- Annotate multi-turn conversational datasets for dialogue coherence, turn-level appropriateness, and response quality — contributing to training data for deployed AI assistant systems.
- Apply constitutional AI alignment principles to evaluate whether model responses reflect helpfulness, harmlessness, and honesty (HHH) criteria, flagging constitutional violations with detailed justification.
- Leverage software engineering background to assess LLM-generated code outputs for correctness, efficiency, security vulnerabilities, and style compliance across Python, JavaScript, and TypeScript.
- Maintain 95%+ annotation accuracy and consistently achieve high inter-annotator agreement (IAA) scores across concurrent projects; recognized for reliability and consistency.
- Contribute to annotation guideline development — flagging ambiguities, proposing refinements, and calibrating standards that improved team-wide labeling consistency.
- Curate and clean supervised fine-tuning (SFT) datasets, including prompt-response pair selection, quality filtering, and diversity balancing to reduce training data bias.

Full-Stack Engineer | Longswipe (Fintech Platform) | Nov 2024 – Present | Remote

- Lead end-to-end technology strategy for a live fintech platform; architected and delivered longswipe.com using Next.js 14 with enterprise-grade security and PCI-DSS compliance.
- Developed Flutter mobile application with biometric authentication, encrypted data storage, and secure payment API integrations achieving 99.9% platform uptime.
- Established technical governance, CI/CD pipelines (GitHub Actions, Vercel), code review processes, and security protocols for a distributed remote engineering team.
- Integrated AI-powered features into the platform using LangChain and GPT API, gaining applied experience in LLM prompt design and output evaluation in a production context.
- Wrote and executed unit, integration, and end-to-end tests to ensure platform reliability, covering critical payment flows, authentication, and API integrations.

Senior Frontend Engineer | Handshake (U.S.) | May 2022 – Nov 2024 | Remote

- Developed AI-powered risk assessment platform (Sisu) using Next.js and Claude AI for client risk profiling — directly applying LLM integration and output quality review skills.
- Built charitable giving platform (Give.org) with AI chatbot integration and fraud detection; implemented GDPR and CCPA-compliant data handling across all applications.
- Led frontend engineering for mesopotamia.ai financial data analytics platform with secure API integration and real-time risk monitoring.
- Designed reusable React/TypeScript component systems adopted across 3 product lines, reducing UI development time by 30%; mentored junior engineers on best practices.
- Wrote and maintained automated test suites (unit and integration) for AI-integrated features, ensuring output consistency and reliability across deployments.

Senior Web Developer / Project Lead | Brandland Communications, Betaswipe, New Age Group, Shutlips (Various) | 2015 – 2022 | Remote

- 10+ years of progressive software engineering experience spanning KYC/AML compliance systems, secure payment platforms, identity verification, fraud detection, and government technology solutions across U.S. and Nigerian markets.
- Delivered projects including: Trueowner (KYC verification), Truecheka (compliance monitoring), eventpermit (secure payment e-ticketing), shutlips.com (end-to-end encrypted communication), and newagefoodmarket (marketplace with payment processing).

KEY ACHIEVEMENTS

95%+ Annotation Accuracy Maintained above-threshold accuracy across all Revelo RLHF annotation projects, producing reliable reward model training data.

RLHF Pipeline Contributor Annotation outputs directly incorporated into RLHF fine-tuning cycles for production LLMs, with measurable impact on model alignment.

Red-Teaming Expertise Identified and documented harmful output patterns, jailbreak vectors, and policy violations through structured adversarial evaluation.

PCI-DSS Compliance Architected and delivered full PCI-DSS-compliant fintech platform (longswipe.com) at lead engineer level.

AI Product Delivery Integrated Claude AI and GPT APIs into production fintech applications at Handshake and Longswipe, gaining direct LLM product experience.

EDUCATION

Bachelor of Science in Computer Science

Virgen Milagrosa University, Philippines • 2020 – 2024

Bachelor of Science in Information Technology

University of Middlesex, Mauritius • 2016 – 2017

Advanced Diploma in Software Engineering (ADSE)

Aptech Computer Education, Calabar • 2014 – 2016 | Graduated with Distinction

TECHNICAL PROFICIENCY

RLHF / Annotation: Preference Ranking, SFT Data Curation, Response Evaluation, Red-Teaming, Safety Review, IAA
AI & LLM Tools: LangChain (Advanced), GPT API (Advanced), Claude API, Prompt Engineering, Constitutional AI
Annotation Platforms: Label Studio, Labelbox, Argilla, Prodigy, Scale AI workflows, Revelo
Languages: Python (Intermediate), JavaScript/TypeScript (Expert), Ruby, SQL
Frameworks: React.js, Next.js, Node.js, Flask, Angular, Flutter, Tailwind CSS, Redux
Cloud & DevOps: AWS (Intermediate), Vercel (Expert), Docker (Intermediate), GitHub Actions, Jenkins
Security & Compliance: OWASP, PCI-DSS, GDPR, CCPA, KYC/AML, JWT, OAuth 2.0, MFA, ISO 27001 principles

LANGUAGES & ADDITIONAL INFORMATION

- English: Highly Proficient — Business & Technical Communication (B2)
- Efik: Native Speaker
- Nationality: Nigerian | Available for immediate start with appropriate notice period
- Open to full-time, part-time, and contract RLHF / AI annotation roles (remote)
- Willing to sign NDA and confidentiality agreements | Professional references available upon request

Specialist in RLHF • LLM Evaluation • AI Alignment • Prompt Engineering • Data Annotation Quality