

Emmanuel Silas Kelechi

 Lagos, Nigeria ·  [emmaabusinesss@gmail.com] ·  [+234 7031763615]
 Portfolio: emmai.github.io/portfolio-site · GitHub: github.com/Emmai

SUMMARY


Early-career Prompt Engineer & AI Prototyper with a focus on building lightweight, testable LLM applications. Skilled at turning ideas into working demos quickly using Streamlit, FAISS, SymPy, and API-based LLM integrations. Strong foundation in mathematics and education, with a hands-on approach to prompt design, RAG pipelines, and evaluation harnesses.

CORE SKILLS


- Prompt Engineering: few-shot design, scaffolds, safety guardrails
- Python for Prototyping: Streamlit, APIs, data handling
- AI/ML Tools: FAISS (vector search), SymPy (math reasoning), Hugging Face Inference, OpenRouter
 - Deployment: Streamlit Cloud, GitHub Pages, Hugging Face Spaces
- Other: Git, prompt evaluation, lightweight documentation

PROJECTS


Mental Health Chatbot — *RAG-powered LLM Assistant*

-  [Live Demo](#) · [Code](#)
- Built a chatbot using FAISS retrieval + OpenRouter LLMs to answer mental health FAQs.
 - Includes fallback to general-purpose LLM for unseen queries and safety-oriented responses.
 - Deployed with Streamlit; designed simple evaluation harness.

Customer Churn App — *Data Upload & Prediction Prototype*

-  [Live Demo](#) · [Code](#)
- Developed a Streamlit app where users upload CSV data → clean → train a quick baseline model.
 - Produces churn predictions, exports cleaned data, and presents business-focused insights.
 - Built to demonstrate end-to-end data-to-deployment flow.

University Math Assistant — *AI Tutoring Tool*

-  [Live Demo](#) · [Code](#)
- Created an AI tutor using SymPy + custom prompts to walk through math problems step by step.
 - Supports algebra, calculus, and symbolic math reasoning.
 - Deployed for easy access via Streamlit Cloud.

EXPERIENCE

Independent AI Prototyper / Prompt Engineer

Self-directed, Lagos — 2025

- Shipped 3 working AI prototypes with live demos, covering education, customer analytics, and mental health use cases.
- Designed prompt templates, evaluation harnesses, and integration-ready code for each prototype.
- Focused on producing artifacts recruiters/engineers can immediately test and iterate on.

EDUCATION

B.Sc. Mathematics Education — University of Lagos (in progress, expected 2027)