

Emmanuel Silas Kelechi

Prompt Engineer & Generative AI Prototyper

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🌐 Portfolio: emmaii.github.io/portfolio-site • GitHub: github.com/Emmaii

Summary

Prompt engineer and AI prototyper and a Generative AI Author (**book in progress**) skilled at turning ideas into **clickable demos** that use LLMs, RAG pipelines, and Streamlit apps. Strong in **prompt design, LLM integration, and lightweight deployment**, with a focus on making concepts testable and developer-ready.

Technical Skills

- **Languages & Tools:** Python (Streamlit, APIs), FAISS, SymPy, OpenRouter
 - **AI/ML Skills:** Prompt design (few-shot, testing & evaluation), Prompt Retrieval-Augmented Generation (RAG), LLM integration
 - **Deployment:** Streamlit Cloud, GitHub Pages
 - **Other:** Data preprocessing, Git/GitHub
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Selected Projects

Mental Health Chatbot | [Live Demo](#) • [GitHub](#)

Conversational agent with RAG over 20+ curated FAQs, fallback to OpenRouter LLM, and Streamlit UI. Added safety guardrails and evaluation prompts.

Customer Churn App | [Live Demo](#) • [GitHub](#)

Interactive Streamlit dashboard for CSV upload, preprocessing, baseline churn modeling, and dataset export. Demonstrates end-to-end workflow.

University Math Assistant | [Live Demo](#) • [GitHub](#)

LLM-augmented SymPy tutor that explains math problems step by step (algebra, calculus). Deployed with Streamlit for accessible interaction.

Experience

Self employed AI Prototyper / Prompt Engineer / Generative AI Author (**Book in Progress**) | Remote • 2025

- Built and deployed 3 AI prototypes: chatbot with retrieval, ML dashboard, and math tutor.
 - Packaged each project with live Streamlit apps, GitHub repos, and documentation for developer use.
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Education

B.Sc. Mathematics Education (in progress)

University of Lagos — Expected 2027