

STEPHEN TORIOLA

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Portfolio: <https://stephentoriola.netlify.app>

Github: <https://github.com/tee-wealth001>

YouTube: <https://www.youtube.com/@StephenOla-zl1hb>

Professional Profile

AI & Software Engineer with a strong track record of building and deploying enterprise-grade solutions across fintech, health tech, and financial services. Skilled in developing full-stack web applications, integrating LLMs and Agentic RAG architectures, and leading scalable AI/ML pipelines, from rapid POC development to robust system architecture and cloud-native deployment, with a focus on performance, scalability, and business outcomes. Proven ability to drive business impact through innovation, performance optimization, and technical leadership.

Technical skills

AI/ML: ML, LLMs, RAG, NLP, Langchain, FAISS, TensorFlow, PyTorch, CNN, OpenCV, Scikit-learn, Generative AI.

Cloud & DevOps: Google Cloud Platform, Azure, AWS, Docker, Kubernetes, CI/CD, ML pipeline optimization.

Backend: Python, Java, C#, Node.js, FastAPI, Flask, Async Programming, Spring Boot.

Frontend: Angular, React, TypeScript, JavaScript, Ionic.

Databases: PostgreSQL, MySQL, Oracle DBMS, Firebase.

Tools & Practices: Git, GitHub, Gitlab, Bitbucket, GitHub Actions, Agile, Scrum, Clickup, Jira.

Soft Skills

Communication, Leadership, Creativity, Time Management, Teaching, Critical Thinking, Adaptability, Mentoring, Teamwork, Problem Solving.

Work Experience

AI & Software Engineer

Borderless Analyst, UK | Sept 2023 – Present

- Designed and deployed a scalable and adaptive agentic AI chatbot using Gemini LLMs, FastAPI, Redis, and FAISS—achieved 92% query relevance and 40% reduction in response latency.
- Created a production-ready sentiment analysis pipeline (NLTK, Scikit-learn), achieving 95% classification accuracy with Streamlit-based visualization.
- Built an AI-powered synthetic test set generator using LangChain and OpenAI APIs for contextual testing applications.

Live Projects:

- Sentiment Analysis Pipeline (Machine Learning): <https://sentiment-analysis-pipeline.streamlit.app>
- Synthetic TestSet Generator(RAG): <https://synthetic-testset-generator.streamlit.app>
- AI Conversational Chatbot (RAG): <https://vchat.streamlit.app>

Software Engineer

Cellulant Corp, Kenya. | Jul 2022 – Aug 2023

- Spearheaded version 2 of INSTORE payments, integrated with 35+ financial institutions, and used by 14M+ users across 35 countries.
- Led the transition from monolith to modular architecture using Angular + Java APIs, improving code maintainability and deployment speed.
- Acted as Frontend Lead, introducing Jasmine/Karma/Sonar testing protocols, resulting in a 90% increase in code quality.

Key Project:

- Tingga 6 (In-Store Module) Payment Gateway System. Visit <https://tingga.africa>

Software Engineer

Union Systems, Nigeria. | Aug 2018 – Sep 2022

- Co-developed Kachasi, a trade finance platform adopted by FCMB, Coronation Bank, WEMA Bank, and others, which boosted revenue by 100%.
- Led frontend & full-stack efforts on Egora Treasury Application, utilizing Angular, React, Spring Boot, and Oracle SQL.
- Integrated APIs, enforced UI/UX standards, and mentored junior developers, improving team efficiency and product quality.

Key Projects:

- ❖ KACHASI: International trade finance application system software. Visit <https://unionsystems.com/kachasi>
- ❖ EGORA: Automated Treasury application system software. Visit <https://unionsystems.com/egora>

Other Experience & Community Engagement

- **Technology Summer Intern**, ICBC Standard Bank, London, UK. | June 2024 - Sept 2024
- **Lead Organizer**, Google Developers Group. | Feb 2023 - Present
- **Coding Instructor**. | Nov 2024 - Present
- **Technical Event Leader**, Tech Explore Series (Founder) | Feb 2023 - Present

Education

- **MSc Artificial Intelligence**, University of Wolverhampton, UK | Sept 2023 - Jan 2025
- **BSc Chemistry**, Adekunle Ajasin University, Nigeria | April 2013 - Dec 2017