

ROLANDO JOHN R. ACA-AC

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PROFESSIONAL SUMMARY

AI Developer / AI Engineer building end-to-end AI agents, automations, and full-stack LLM applications. Proven in transforming complex manual workflows into scalable, production-ready systems that deliver 90%+ time savings. Experienced in agent orchestration, RAG, tool integrations, and full-stack delivery using LangChain, LangGraph, FastAPI, React, Node.js, Docker, and AWS.

WORK EXPERIENCE

AI Developer

04/2025 – 12/2025

CD Commerce GmbH — Remote, Full-time

- Built and shipped **full-stack AI-powered web applications**, developing backend services, AI agent pipelines and automations, and modern frontend interfaces, while ensuring scalability and smooth end-to-end integration.
- Accelerated workflows by over 90%**, transforming a 3-day manual procurement process into just 1 hour, and created other systems that similarly turned lengthy, complex processes into faster, more streamlined operations.
- Integrated **third-party APIs** including Bright Data, Keepa, and SellerSprite into AI-powered workflows and backend services, enabling automated data collection, product research, and more efficient procurement operations.
- Leveraged **Python, JavaScript/TypeScript**, along with **LangChain, LangGraph, OpenAI, Playwright, React, NodeJS, FastAPI**, and **Docker** to deliver production-ready platforms and improved usability for non-technical users.
- Took ownership of the full tech stack direction, turning high-level stakeholder requirements into clear technical requirements, architecture decisions, and well-communicated implementation plans despite ambiguity.

AI Engineer Intern

12/2024 – 03/2025

Quantiota — Remote, Internship

- Assisted in developing an AI agent using LangChain, LangGraph, and OpenAI to support natural language database queries, dashboard actions, and file operations with contextual interactions.
- Assisted in building Flask APIs and Dockerizing the application, contributing to system integration, deployment, and a more maintainable backend architecture.

Lead ML Engineer (Voluntary)

10/2024 – 12/2024

Omdena Ibadan Chapter — Remote, Contract

- Collaborated with a diverse team around the world on an innovative project to develop an AI-powered traffic management system, leveraging **computer vision to improve traffic flow and reduce congestion** in Nigerian cities.
- Led the development of a **YOLO**-based vehicle detection and counting model, overseeing dataset preparation to model training with **Python, Roboflow**, and **Google Colab**, supporting accurate vehicle detection and counting.

SKILLS

Claude Code, Python, JavaScript, LangChain, RAG, Pinecone, FastAPI, NodeJS, Express, React, PostgreSQL, Docker, CI/CD, Git, AWS

PROJECTS

NutriGuide AI: AI-Powered Personalized Nutrition Assistant Web App

03/2026 – Present

- Built a LangGraph AI agent system with intent classification, multi-step reasoning, and RAG for nutrition-specific, grounded recommendations; integrated USDA FoodData Central (FDC) API for food search, nutrition data, and calorie tracking.
- Implemented stateful conversations and tools to integrate user profiles, food logs, and TDEE for tailored dietary advice.
- Deployed full-stack app (React, Node.js/Express, PostgreSQL, Docker) with GitHub Actions CI/CD to AWS EC2 and ECR.

EDUCATION

Bachelor of Science in Computer Science

2021 – 2026

La Salle University — Ozamiz City, Misamis Occidental, PH

CERTIFICATIONS

AI Engineering (IBM, Coursera), Data Engineering (IBM, Coursera), Data Scientist (DataCamp), Data Science (IBM, Coursera), Data Analyst (IBM, Coursera), GitHub Foundations (GitHub), Data Analyst (IBM, Coursera), IT Passport (IP) (PhilNITS)