JUSTIN ONYEWUCHI

AI Automation Engineer | AI Agents, Python & Workflow Automation

Cherry Hill, NJ | jaeylondon@gmail.com | 267-964-1278

PROFESSIONAL SUMMARY

AI automation and healthcare technology professional combining hands-on Python, LLM application development, API integration, workflow orchestration, and AWS deployment with experience delivering clinical operations improvements. Built RAG knowledge assistants, multi-agent research systems, document-processing pipelines, lightweight FastAPI/Streamlit applications, and n8n automations. Experienced translating stakeholder needs into requirements, testing changes, coordinating deployments, and improving healthcare workflows.

TECHNICAL SKILLS

AI & LLMs: RAG Pipelines, Agentic Workflows, Prompt Engineering, Fine-Tuning (LoRA), LLM Evaluation (RAGAS), AI Agents, Multi-Agent Systems

Frameworks & APIs: LangChain, LangGraph, LlamaIndex, OpenAI, Anthropic, Hugging Face, FastAPI, REST APIs, Webhooks, Streamlit

Vector & Data Stores: Pinecone, pgvector, PostgreSQL, Qdrant, Redis, FAISS, ChromaDB, Embeddings, Semantic Search

Languages & DevOps: Python, SQL, TypeScript, Docker, Git, LangSmith, AWS/GCP, AWS EC2, S3, IAM, Jupyter

Automation & Delivery: n8n, Power Automate, UiPath, SQL Reporting, Dashboards, Process Mapping, UAT, Jira, ServiceNow

EDUCATION

Strayer University — B.S., Business Information Technology (Data Analytics concentration) | September 2026

McGrady Technology Institute — AI Engineering Bootcamp | January 2026 – August 2026

CERTIFICATIONS

CompTIA Security+ | UiPath Certified Associate | Salesforce Certified AI Agentforce Specialist | Certified ScrumMaster (CSM)

PROFESSIONAL EXPERIENCE

ORAVIA | Junior AI Engineer | Feb 2026 – Present

- I built a Retrieval-Augmented Generation (RAG) pipeline for internal knowledge-base Q&A using Python, Hugging Face embeddings, FAISS similarity search, and optimized document chunking to retrieve relevant information.
- I developed multi-agent research and reporting workflows using LangChain and LangGraph, implementing state-based orchestration to coordinate information gathering, evidence retrieval, and automated report generation.
- I integrated AI vision models into document-processing pipelines to extract and structure data from PDFs, invoices, and scanned records for downstream automation.
- I developed and deployed FastAPI REST services and Streamlit applications on AWS EC2, integrating S3 object storage, IAM roles, and security groups to support AI-powered internal applications.
- I engineered agentic AI automation workflows using n8n, LLM tool calling, REST APIs, webhooks, and conditional logic to automate customer intake, CRM updates, information retrieval, task routing, and approval processes.

MOLINA HEALTHCARE | Project Manager, EHR & Clinical Platform Operations | Jun 2023 – Feb 2026

- I led healthcare technology initiatives from workflow discovery and requirements gathering through testing, deployment readiness, and post-launch validation.
- I partnered with clinical, operations, billing, IT, and vendor stakeholders to identify bottlenecks across referrals, scheduling, registration, insurance verification, billing, and patient encounters.
- I translated current-state and future-state workflows into functional requirements, EHR configuration requests, UAT scenarios, and validated change outcomes with clinical users.

- I managed application incidents and change requests in Jira and ServiceNow, coordinated root-cause investigation, tracked service commitments, and escalated technical defects through resolution.
- I organized project plans, stakeholder reviews, risk tracking, process documentation, training readiness, and adoption activities across concurrent healthcare platform improvements.

MOLINA HEALTHCARE | Junior Project Manager, Clinical Systems & EHR Support | Jun 2022 – Jun 2023

- I supported clinical application workflow improvements by gathering user needs and documenting requirements, operational procedures, and configuration-change requests.
- I tested and troubleshot registration, scheduling, referrals, encounter documentation, insurance, billing, and user-access workflows; I recorded defects and verified fixes.
- I collaborated with clinical and business users to identify process inconsistencies, validate expected system behavior, and coordinate workflow refinements.
- I created SOPs, job aids, end-user training materials, and issue-resolution notes that supported consistent application use and new process adoption.
- I prepared project status reports, requirements documents, presentations, and shared trackers using Google Workspace and Microsoft 365 to support cross-functional delivery.