

Professional Summary

AI Engineer building **LLM**-powered features and AI-assisted workflows with **Python**, **prompt engineering**, and **agentic coding**. Hands-on with retrieval-augmented generation (**RAG**), embeddings/vector search, and LLM API integration (OpenAI, Anthropic), plus a proven record applying AI to automate and scale engineering work. Backed by **8+ years in QA automation and test engineering** — building browser-automation and API test suites with **Puppeteer**, **Playwright**, and **Cypress** — bridging hands-on web/API testing with modern generative-AI tooling.

Skills

- Python
- Large Language Models (GPT, Claude, Llama)
- Prompt Engineering
- Retrieval-Augmented Generation (RAG)
- Embeddings & Vector Search (Pinecone / FAISS / pgvector)
- LangChain / LlamaIndex
- AI Agents / Multi-Agent & Agentic Workflows
- Agentic Coding (Claude Code / Cursor / Copilot)
- AI-Assisted Test Generation & QA Automation
- Puppeteer / Playwright / Cypress / Selenium
- API & Integration Testing
- Regression / Functional / Manual Testing
- OpenAI & Anthropic APIs
- Hugging Face / Transformers
- FastAPI / REST APIs
- N8N / Workflow Automation
- Generative AI / GenAI
- Docker / Git / Bitbucket / CI/CD
- AWS (Bedrock / Lambda)
- JavaScript / TypeScript
- Agile / Scrum

Work History

AI Engineer 2026-Current

ITPIE – Remote

- Apply **AI agentic coding** (**Claude Code**, **Cursor**, **GitHub Copilot**) to accelerate a large front-end migration (**Angular** → **Blazor** / **C#** / **.NET**) and clear backlog defects faster.
- Design and iterate on **prompts** and orchestrate multi-step AI/automation workflows (**N8N**) to automate engineering tasks.
- Integrate **OpenAI/Anthropic LLM APIs**; experiment with retrieval-augmented generation (**RAG**), embeddings, and vector search for context-aware tooling.
- Use **Python** for AI tooling and automation; evaluate model output quality and build reusable agent workflows.
- Build **agentic workflows** and **AI-assisted automation** that generate, maintain, and optimize test assets, expand coverage, and cut repetitive QA work at scale.

Senior QA Automation Engineer 2025-2026

ITPIE – Remote

- **Converted 200+ Cypress tests to Playwright using AI agentic-coding methods** — a large-scale migration driven by LLM tooling rather than manual rewrites.
- Built and maintained **Puppeteer** browser-automation solutions for **regression, integration, functional, and manual** testing of **React** web apps; troubleshoot flaky tests and defect failures across bi-weekly Agile release cycles.
- Leveraged **Claude** and **GitHub Copilot** to generate and optimize test cases and triage failures — building **AI-assisted testing workflows** that scaled coverage and accelerated release quality.

- Built reusable automation utilities and automated quality reports in **JavaScript/TypeScript**, integrated into CI/CD; collaborated closely with **software engineers and product stakeholders** to ensure quality across the development lifecycle.

Senior QA Automation Engineer 2020-2025
ContinuumCloud – Tampa, FL

- Automated **GraphQL** API validation and adopted **no-code/low-code automation (N8N)** to wire quality and reporting workflows across services; maintained a Playwright framework on AWS serverless.

QA Automation Analyst / AEM QA Lead 2017-2020
Royal Caribbean Cruises Ltd – Miami, FL

- Built data-driven quality dashboards and automation POCs (Java/Angular/React); scaled coverage from 84 to 1,100+ scenarios and automated reporting via Power Automate.

Selected AI Projects

Playwright AI Triage – JavaScript tooling that uses AI to triage automated-test failures and surface likely root causes. [Code](#)

Dreamz – LLM-powered dream-journal and interpretation app (generative AI). [Live](#)

Agentic Job-Hunt Engine – Python system that discovers, scores, and tracks roles across multiple ATS APIs, built and orchestrated with AI agentic coding.

Education

Bachelor of Science: Electrical Engineering 2016
Miami Dade College - Miami, FL