JOSEPH FLORENDO

AI Automation & AI Agent Developer

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PROFILE

I build AI agents, automations and assistants that people can trust: they answer from real sources, pass automated checks, and keep a person in control of anything that matters. I write the specification, direct AI coding agents to build it, and test every result before release. My live systems include a six-agent blog pipeline that publishes nothing without my approval, and Cited, a document assistant that shows the source behind every answer. I also teach AI, Python and data to professionals for three London training firms, including two five-day courses as sole trainer. I am a final-year BSc (Honours) Computing and IT student at The Open University.

KEY SKILLS

AI agents and workflows: multi-agent pipelines with automated quality checks and a human approval step; model fallback between AI providers; spending caps on every paid AI call.

Retrieval and evaluation: retrieval-augmented generation (RAG) with citations and quote checking; local embeddings; test sets that score both answers and refusals; guardrails against prompt injection, privacy leaks and off-topic questions.

Agentic engineering: AI-assisted development with Claude Code (daily) and Codex. I write the specification, the agents write the code, and I review, test and verify every change before release.

Stack I ship on: Python (FastAPI), TypeScript and Next.js; Anthropic, Gemini and OpenAI APIs; Supabase (Postgres); Docker, Fly.io and Vercel; automated testing (pytest, Vitest, Playwright) and CI on GitHub.

AI training: designing and teaching hands-on AI, Python and data courses for professionals; project-led labs; slide decks, trainer guides, pre- and post-course tests; prompt engineering; responsible and secure use of AI, including the EU AI Act.

AI SYSTEMS I HAVE BUILT

All built with Claude Code: I design each system, direct the AI agents that write the code, and test the result.

- **A blog written by AI agents (live):** six agents suggest, research, write, review and critique posts from my own material. Every draft must pass automated checks for claim support, citations, privacy and prompt injection, then my approval, before it publishes. Each recorded run cost under US$0.30. Next.js, TypeScript, Gemini.
- **Cited, a document assistant (live at cited-demo.fly.dev):** answers only from its documents, shows the passage behind every answer, re-checks every quote itself, and refuses questions the documents don't cover. Scoring it against its test set caught three real bugs, one of them in the scoring itself. On its 15-question test set, every answerable question was answered correctly and every out-of-scope question was refused. Runs its own embeddings, so searches cost nothing; rate limits and a daily budget cap spending. Python, FastAPI, Anthropic API, Docker, Fly.io.
- **E.V and its admin panel (live):** my website's assistant answers questions about my work only from my published documents, with sources, and switches to a backup AI provider if the main one fails. I run it from an owner-only admin panel (Next.js, Supabase), including its retrieval settings.
- **josephflorendo.com (live, relaunched 30 October 2026):** a 3D star-field site with an enquiry form, spam protection and a strict security policy. Unit and browser tests run on every change, and nothing goes live without my sign-off. Next.js, TypeScript, Three.js.
- **Learn Your Way (in progress):** my first software product. It turns study material into lessons people can read, watch or listen to. I planned it on one page and built the first version in three days.
- **My first Roblox game (in progress):** built in public with Roblox Studio and Claude Code.

TEACHING EXPERIENCE

Trainer (freelance) — LCT International, London **Sep 2026 – Nov 2026**

- Booked four times in three months (September to November 2026).
- Sole trainer for all five days of **Big Data Analytics for Digital Transformation** (November 2026). Redesigned it as a project-led course: the delegate directed AI coding tools to build an English and Arabic KPI assistant prototype on a practice data set of about 270,000 rows, and all 15 of its key figures matched known correct answers.
- Taught two of the five modules of **Advanced AI Implementation and Innovation** (September 2026): Data-Driven Decision-Making with AI, and Rapid Experimentation and Prototyping, with hands-on labs in Claude Cowork, Claude Code and Codex.

- Taught **AI Assistants, Prompt Engineering and Secure IT Design** on the final day of a week-long course (October 2026), with my own 41-slide deck, trainer guide and hands-on lab.
- Ran a live **Introduction to AI and Claude** demo, covering Claude chat, Cowork and Claude Code, within a cyber-security course (September 2026).

Instructor (freelance) — London Premier Centre (LPC), London — **Jul 2025 – Nov 2025**

- Sole instructor for all five days of **Python for Data Science and AI** (November 2025), from Python basics and exploratory data analysis to machine learning, deep learning and generative AI, with hands-on exercises every day.
- Lead instructor for AI fundamentals and prompt-engineering courses for professional groups (July to November 2025), covering prompt writing, AI-assisted data analysis and the EU AI Act.
- Co-instructor for financial data analysis with Python (September 2025).
- Wrote my own course materials, handouts, and pre- and post-course tests.

Trainer (freelance) — London Training for Excellence (LTFE), London — **Jul 2025**

- Co-delivered two courses for professionals, AI for project managers and AI-driven leadership and productivity, and taught their AI sessions myself: prompt engineering and using ChatGPT at work.
- Wrote all of my own handouts.

OTHER EXPERIENCE

E-commerce & Social Media Operations Lead (part-time) — Golden Galore Luxury, UK / Remote — **Jan 2026 – Present**

- Run online content, product photography, listings and live-selling materials for a luxury goods brand, kept consistent with reusable Canva templates.

Digital Marketing & Training Content Lead — AAET, Remote — **Dec 2025 – Jun 2026**

- Wrote course outlines, agendas and programme descriptions for American Advanced Executive Training's executive courses, plus social media content and Canva visuals.

Freelance UX/UI Developer — Self-employed, Remote — **Jun 2023 – Jul 2023**

- Designed and built responsive landing pages, from wireframes to finished pages.

Pharmacy Assistant — Windsor Pharmacy, Windsor — **Apr 2023 – May 2023**

EDUCATION

BSc (Honours) Computing and IT — The Open University (final year) — **2023 – expected 2027**

- Modules passed include Machine Learning and Artificial Intelligence, Software Engineering, Web Technologies (Distinction), Algorithms, Data Structures and Computability, and Object-Oriented Java Programming.

Double Master's: MBA & Master's in Artificial Intelligence for Business — ENEB, Barcelona — **In progress**

CS50's Introduction to Programming with Python — Harvard University, via edX — **In progress**

High School Diploma in General Science — Penn Foster High School, USA (GPA 3.8 / 4.0) — **2019 – 2023**

CERTIFICATIONS

Certified AI Consultant — Careerpreneur Academy (two-month programme, 120 CPD credits) — **Sep 2026**

AI for Data Analysis — Google, via Coursera — **Sep 2026**

PCEP, Certified Entry-Level Python Programmer — Python Institute — **Jul 2025**

Analyze Data with Microsoft Excel — Codecademy — **Jul 2025**

The Art of Storytelling — IESE Business School, via Coursera — **Jul 2025**

Business Intelligence: Data Analysis and Reporting Techniques — London Premier Centre (five days) — **Jun 2025**

One Million Prompters: Prompt Engineering — Dubai Future Foundation — **2025**

UX & UI Design Bootcamp — The School of UX, London — **Jul 2023**