Franco Pietrantuono

SOFTWARE DEVELOPER

Software Developer & Information Systems Engineering student specializing in AI-driven solutions. Currently serving as Co-founder & Tech Lead at Pulpad and DevOps at IA Lines, focusing on RAG architectures.

CONTACT

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🐙 [PietrantuonoFranco](https://github.com/PietrantuonoFranco)

EXPERIENCE

PULPAD | CO-FOUNDER & TECH LEAD
October 2025 – Present

- Orchestrated the **product roadmap** and led the **R&D** of a touchless hardware-software integration for padel scoring.
- Spearheaded the design and launch of **MVPs** to accelerate market validation and iterative feedback cycles in an **agile framework**.
- Architected the **core scoring logic** and the **company's digital presence**, ensuring scalability and a seamless user experience.

IA LINES – UTN FRLP | DEVOPS
May 2025 – Present

- Designed and implemented robust **CI/CD** pipelines using **Docker** and **Jenkins**, focusing on controlled deployments to improve system reliability.
- Designed and implemented a multi-layer testing strategy including **Unit**, **Integration**, and **End-to-End (E2E)** tests using **Pytest** and **Playwright** to validate the RAG pipeline from individual component logic to complete user workflows.

MM GRÚAS | FULL-STACK DEVELOPER (FREELANCE)
March 2025

- Engineered a high-performance landing page using **React** and **TailwindCSS**, optimizing for **SEO** and **responsive design**.
- Integrated **Cloudinary** for automated image optimization and delivery.
- Managed the full deployment lifecycle on **Vercel**.

SOFT SKILLS

- Analytical Problem Solving
- Leadership
- Collaborative Teamwork
- Adaptability & Continuous Learning

IT SKILLS

- **Languages:** Python, TypeScript, JavaScript.
- **AI:** LangChain, Milvus, Ollama.
- **Frontend:** React, Next.js, TailwindCSS.
- **Backend:** Node.js, Express, FastAPI, PostgreSQL.
- **DevOps & Tools:** Docker, Jenkins, Git, Vercel, Cloudinary.
- **Testing & QA:** Pytest, Playwright (Unit, Integration, E2E).

EDUCATION

NATIONAL TECHNOLOGICAL UNIVERSITY (UTN) | B.S. IN INFORMATION SYSTEMS ENGINEERING
2022 - Present

LANGUAGES

- Spanish │ Native
- English │ Intermediate