Pepe Ruiz

AI & Full Stack Developer

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Technologies

Frontend
React | Vite | HTML5 | CSS3 | JavaScript | Tailwind | Framer Motion

Backend
Node.js | Express | Django | FastAPI | Python | JWT | BeautifulSoup | Selenium

AI & Data Science
Computer Vision | PyTorch | LangChain | Machine Learning | Deep Learning | spaCy | OpenCV | YOLO | Scikit-Learn | XGBoost | Pandas | NumPy | Jupyter Notebook | Pinecone | Hugging Face | n8n

Databases
MySQL | PostgreSQL | MongoDB | SQLite | Supabase

Testing & DevOps
Git | GitHub | Docker | Azure | Postman | Jest | Pytest

Methodologies
Scrum | Agile | Kanban | Trello | Jira | Figma

Certifications

Data Science Fundamentals
Saturdays.AI | MAY 2025
View credential

Python Essentials 1
Cisco | MAR 2025
View credential

AI Fundamentals
IBM | FEB 2025
View credential

Languages

Spanish: Native

English: Professional

Profile

Full Stack Developer specializing in building intelligent AI solutions. I develop scalable web applications with **advanced AI**, focused on solving complex problems with a user-centered approach. My background in **Audiovisual Communication** and **customer service** brings **creative thinking**, **empathy**, and **teamwork skills** that, combined with **technical expertise in AI**, enable me to build software that addresses real needs.

Experience

▶ Full Stack Web Developer
Fullcircle - Digital Experts | OCT 2025 - PRESENT

Development of web functionalities with **React** and **Node.js** using **Git** for version control. Data exploration, cleaning, and transformation for migration and integration into enterprise systems.

▶ Full Stack Web Developer & AI
Factoria F5 | JUN 2024 - OCT 2025

Development of full stack web applications using **agile methodologies** in collaborative teams. Building complete architectures with **React**, **Tailwind**, **Node.js/Express**, **FastAPI** and relational, **NoSQL**, and **vector databases**. Specialization in **Artificial Intelligence and Machine Learning**: **Computer Vision** models with **PyTorch** and **YOLO**, **RAG** systems with **LangChain** and **Pinecone** for content generation, development of **virtual agents**, and **Deep Learning** for natural language processing (**NLP**) with **spaCy**. Development of **ETL** pipelines, **web scraping**, testing, and containerization with **Docker**.

▶ Optician / Assistant Manager
Óptica Universitaria & Soloptical | JAN 2017 - MAY 2024

Team and store operations management, developing **leadership**, **communication**, and **teamwork** skills. Experience in **customer service**, **problem-solving**, and **empathy**, transferable competencies to user-centered software development.

Featured Projects

LogoTracker Pro ⊙
AI & Full Stack

- AI platform for automatic logo detection in videos using specialized **YOLO11** models
- **Computer Vision** architecture with **PyTorch** and **OpenCV**, achieving **98%** precision and **93%** recall
- Automated pipeline from URL to metrics with video download and frame-by-frame analysis
- **Stack: YOLO11, OpenCV, PyTorch, FastAPI, React, PostgreSQL, Docker**

FeelFlow AI ⊙
AI & Full Stack

- Hybrid AI engine with **BiLSTM** for sentiment analysis and detection of 12 types of toxicity on YouTube
- Custom **deep learning** architecture with **PyTorch** and **spaCy**, achieving F1-macro of **95.8%**
- Interactive dashboard with advanced visualizations and ETL pipeline for massive comment processing
- **Stack: React, FastAPI, PyTorch, spaCy, VADER, Azure, Supabase, Docker**

Magic Post ⊙
AI & Full Stack

- Platform for automated business content generation with **RAG** and multiple LLMs
- Integration of **LangChain**, **Pinecone** and **LLaMA 3, Mistral, GPT** models for intelligent generation
- Multimodal system with image generation, financial analysis, and multi-platform optimization
- **Stack: React, FastAPI, LangChain, Pinecone, Stability AI, Supabase, Docker**

Education

▶ Artificial Intelligence and Data Science Bootcamp
Factoria F5 | 2025
Intensive **9-month program (1250 hours)** specialized in **AI and Data Science**.

▶ Full Stack Web Development Bootcamp
Factoria F5 / Fundación Orange | 2024
Intensive **6-month program (850 hours)** in **Full Stack Web Development** .

▶ Postgraduate in Branded Content and Transmedia Storytelling
INESDI Digital Business School | 2017

▶ Bachelor's Degree in Audiovisual Communication
Universidad de Málaga | 2014