



Technologies

Frontend

- ReactViteHTML5CSS3
- JavaScriptTailwind
- Framer Motion

Backend

- Node.jsExpressDjango
- FastAPIPythonJWT
- BeautifulSoupSelenium

AI & Data Science

- Computer VisionPyTorch
- LangChainMachine Learning
- Deep LearningspaCy
- OpenCVYOLOScikit-Learn
- XGBoostPandasNumPy
- Jupyter NotebookPinecone
- Hugging Face

Databases

- MySQLPostgreSQL
- MongoDBSQLiteSupabase

Testing & DevOps

- GitGitHubDockerAzure
- PostmanJestPytest

Methodologies

- ScrumAgileKanban
- TrelloJiraFigma

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 specialized in AI and Data Science. I specialize in building **scalable web applications** that integrate **Machine Learning, Computer Vision and data analysis**, using **React, FastAPI, PyTorch** and **Python** to transform complex data into actionable insights. My career started in **Audiovisual Communication** and **Branded Content**, where I developed **storytelling** and **creative thinking** skills that now bring a unique perspective to developing **user-focused digital solutions**. My experience working directly with customers has helped me develop strong **active listening, empathy** and **problem-solving** skills, qualities that complement my technical expertise in **AI architectures** and enable me to create software that truly meets end-user needs.

Experience

Full Stack Web Developer & AI

Factoria F5 | JUN 2024 - PRESENT

Development of **full stack web applications** applying **Scrum** in collaborative environments. Specialization in **Computer Vision** with **PyTorch**, **RAG** with **LangChain** and **deep learning models**. Implementation of **microservices architectures** with **Docker** and **Azure**, achieving precisions above 95% in AI projects.

Optical Technician / Assistant Manager

Óptica Universitaria & Soloptical | 2017 - 2024

Responsible for **team management** and **store operations**, developing **leadership** and **customer service** skills. Specialization in **personalized technical consulting, problem solving** and **process optimization**, 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 models **LLaMA 3, Mistral, GPT** 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 | JAN 2025 - OCT 2025

Intensive **9-month program (1250 hours)** specialized in **AI and Data Science**. Development of competencies in **Computer Vision** (YOLO11, OpenCV), **Python** (Pandas, NumPy, Jupyter Notebook), **Deep Learning** (PyTorch, spaCy), **Machine Learning** (Scikit-Learn, XGBoost), **EDA and visualization** techniques (Matplotlib, Seaborn), **backend** development (Django, FastAPI) and **web scraping** (BeautifulSoup, Selenium).

Full Stack Web Development Bootcamp

Factoria F5 / Orange Foundation | 2024

Intensive **6-month program (850 hours)** in full stack web development with **React, Node.js, Express** technologies and **MySQL/MongoDB** databases. Specialization in **frontend** (HTML5, CSS3, JavaScript, React, Vite, Tailwind), **backend** (Node.js, Express, MySQL, Sequelize) and **testing** (Vitest) with **Scrum** methodologies.

Postgraduate in Branded Content and Transmedia Storytelling

INESDI Digital Business School | 2017

Bachelor's Degree in Audiovisual Communication

University of Málaga | 2014