



Technologies

Frontend

- React Vite HTML5 CSS3
- JavaScript Tailwind
- Framer Motion Shadcn UI

Backend

- Node.js Express Django
- FastAPI Python Sequelize
- JWT REST API

AI & Data Science

- PyTorch TensorFlow spaCy
- NLTK LangChain Pinecone
- Hugging Face LLMs APIs
- Machine Learning
- Scikit-Learn XGBoost
- Pandas NumPy
- Jupyter Notebook VADER
- Matplotlib Seaborn
- BeautifulSoup Selenium

Databases

- MySQL PostgreSQL
- MongoDB SQLite Supabase

Testing & DevOps

- Git GitHub Docker Azure
- Postman Vitest Jest
- Supertest Pytest

Methodologies & Management

- Scrum Agile Kanban
- Trello Jira

Design

- 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 specialized in AI and Data Science.** My professional journey began in **Audiovisual Communication** and **Branded Content**, where I acquired storytelling and creative thinking skills that I now apply to developing **intelligent digital solutions** focused on user experience. I specialize in creating **scalable web applications** that integrate **Machine Learning** and **Deep Learning**, using **React**, **FastAPI**, **PyTorch** and **LangChain** to transform complex data into actionable insights. My customer-facing experience has allowed me to develop strong **active listening**, **empathy** and **problem-solving** skills, qualities that complement my technical knowledge in **AI architectures** and enable me to create software that truly connects with end-user needs.

Experience

Full Stack & AI Web Developer

Factoria F5 | JUN 2024 - PRESENT

Development of **full stack web applications** applying **Scrum** in collaborative environments. Specialization in **deep learning models** with **PyTorch**, **RAG** with **LangChain** and **sentiment analysis**. Implementation of **microservices architectures** with **Docker** and **Azure**, achieving accuracies 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**, skills transferable to user-centered software development.

Featured Projects

Orange Digital Center Manager

Full Stack

- Web application development to centralize and optimize enrollment management at Orange Digital Center
- Implementation of administrative panel with real-time statistics and downloadable report generation
- Scalable relational database management and UI design adapted to Orange style guide
- Stack:** React, Vite, Tailwind CSS, Node.js, Express, MySQL, Sequelize, JWT, Jest, Supertest

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 **95.8%** F1-macro
- 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

- Automated enterprise content generation platform 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 | JAN 2025 - OCT 2025

Intensive **9-month program (1250 hours)** specialized in **AI and Data Science**. Development of competencies in **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