



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
- Redis

Testing & DevOps

- Git
- GitHub
- Docker
- 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

Shield AI

AI & Full Stack

- Anonymization system for secure LLM usage in enterprises, ensuring **GDPR** compliance
- Hybrid sensitive data detection with **NER (Transformers) + Regex** for Spanish patterns
- Temporary mappings in **Redis** with automatic TTL and **streaming** responses with real-time de-anonymization
- Stack: FastAPI, Transformers, spaCy, Faker, Redis, Prometheus, Grafana, React, Docker**

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, 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