Raul Herrera Delgadillo

 RaulHerrera09 | raul-herrera-delgadillo | raulherreradelgadillo09@gmail.com | (52) 33-18-92-62-31

PROFESSIONAL SUMMARY

AI Engineer, Full-Stack Developer & Data Analyst specializing in building scalable, "Intelligence-First" applications. Expert at bridging the gap between Software Engineering and Data Intelligence by deploying **LLMs at the Edge**. Proven track record in developing analytical platforms for European grid resilience and automated financial tools. Committed to delivering high-impact, data-driven solutions in global environments.

TECHNICAL SKILLS

AI & Machine Learning	**LLM Orchestration (Llama 3.1)**, RAG Architectures, **Scikit-learn**, OpenAI API.
Cloud & Infrastructure	**Cloudflare (Workers, D1, Vectorize)**, Docker, PostgreSQL, AWS (EC2, S3).
Software Engineering	**Python (Pandas, NumPy)**, JavaScript (React, Node.js), Django, SQL, C#.
Data Visualization	Tableau, Power BI, Streamlit, Plotly, Matplotlib.
Languages	Spanish (Native), **English (B2)**, French (A1/Learning).

KEY PROJECTS

CloudFinance AI: Edge-Computing Assistant   Source Code

Architected a serverless AI assistant using **Llama 3.1** on Cloudflare Workers AI for real-time financial parsing. Implemented **D1 SQL** for persistent storage and achieved ultra-low latency via Edge deployment.

EnergyEngine: Grid Resilience Platform   Source Code

Engineered a full-stack platform to monitor European power grid stability using live **ENTSO-E** data. Processed 5,200+ records with **Django** and **React**, containerized with **Docker**.

Bank Customer Churn AI (Python)   Live Demo

Built a predictive pipeline achieving **85% accuracy** in churn prediction using **Scikit-learn**. Visualized complex risk scores through a **Streamlit** dashboard to translate ML results into actionable business insights.

WORK EXPERIENCE

Sep - Dec 2025 (Internship)   Nubir, Guadalajara — IT Intern

Developed an AI-driven support chatbot to automate technical ticket creation. Analyzed support workflows and implemented scripting to reduce manual logging time and improve IT response efficiency.

Sep 2022 – May 2023   FlexTronics, Guadalajara — Technical Operator

Managed quality control for 5+ manufacturing lines under ISO standards. **Reduced equipment downtime by 15%** through proactive maintenance and analytical process optimization.

EDUCATION

2024 – 2026	**Universidad Lamar** — B.S. in Computer Systems Engineering	(Expected 2026)
2025 – 2026	**TripleTen** — Data Analysis Bootcamp	
2023 – 2024	**DEV.F** — Master in Coding	

Soft Skills

Analytical Thinking	Logical approach to identifying and solving complex system problems.
Communication	Ability to explain technical AI/Data concepts to non-technical stakeholders.
Continuous Learning	Fast adaptation to emerging technologies (Generative AI, Edge Computing).

Full Portfolio & Documentation:

raulherrera09.github.io/RaulHerrera.github.io/

Last updated: January 11, 2026