

Daniel Alejandro Pérez Ortégón

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Professional Profile

Multilingual AI Specialist and Software Developer with expertise in prompt engineering, AI annotation, and workflow automation. Proven experience in evaluating LLM outputs, designing Retrieval-Augmented Generation (RAG) systems, and orchestrating automation pipelines using tools like n8n and Supabase. Blends a strong analytical background with hands-on experience in frontend and backend development (React, PHP, Flutter, C++) and local open-source language model deployment. Highly skilled in bridging complex technical architectures with practical AI implementations.

Core Competencies

- **AI & Machine Learning:** Advanced Prompt Engineering, AI Annotation & RLHF Audit, Local LLM Deployment (Ollama, Qwen), RAG Architecture, NLP, Multimodal Model Training.
- **Software Engineering:** React, PHP, Flutter, C++, Python, Android App Development, REST API Integration.
- **Tools & Infrastructure:** VS Code, n8n, Supabase, Labelbox, Parimango, SuperAnnotate, GitHub.
- **Languages:** Spanish (Native), English (C1 Advanced - Technical), Portuguese (Professional), Russian (Intermediate).

Professional Experience

AI Annotation Specialist & Subject Matter Expert

Trustscale / Invisible Technologies / LILT | Remote | Jun 2025 - Present

- Evaluated and optimized AI-generated outputs using Labelbox and Parimango, refining NLP models and achieving a 15% increase in model accuracy.
- Executed strict Reinforcement Learning from Human Feedback (RLHF) model evaluation and SOP alignment for complex AI data annotation.
- Processed over 400 complex annotation tasks weekly, maintaining a 98% precision rate in data validation and QA.

AI Expert Contractor (Voice, Image & Text)

Remo Experts / Outlier / SuperData / Aliggnr | Remote | Jun 2024 - Present

- Labeled and classified high volumes of multimodal data for AI model training using platforms like SuperAnnotate, Labelbox, and custom Python scripts.
- Increased data validation speed by 25% through the implementation of systematic review and auditing strategies.

Software Development & Architecture Consultant (Project-Based)

Independent / Freelance | 2025 - Present

- **System Architecture Audit:** Performed a comprehensive software architecture audit for "MedLink Connect", a Flutter and C++ kiosk application, analyzing certificate pinning, native bridges, and remote desktop optimizations.
- **Full-Stack Development:** Designed and built a prototype automated WordPress publishing plugin ("WP AI Auto Publisher") utilizing React, PHP, and REST APIs for automated AI content generation.
- **Mobile App Development:** Co-developed a native Android emergency alert and earthquake response mobile application to streamline access to critical services.

Digital Marketing Specialist

InterCommerce | Remote | Mar 2020 - Present

- Designed and executed automated tech-focused inbound marketing campaigns, utilizing analytics to increase client retention by 20%.

Education

Doctor of Medicine (MD) Candidate - Universidad del Valle | Jan 2022 - 2029 | GPA: 4.0

Applying advanced analytical logic, rigorous data abstraction, and complex problem-solving skills to technological frameworks and AI development.

Certifications & Additional Training

AI & Data Analytics

- **Advanced Prompt Engineering** - Simplilearn (Aug 2026)
- **Introduction to Prompt Engineering** - Simplilearn (Aug 2026)
- **AI for App Building** - Google / Coursera (Aug 2026)
- **AI for Research and Insights** - Google / Coursera (Aug 2026)
- **AI for Brainstorming and Planning** - Google / Coursera (Aug 2026)
- **AI for Writing and Communicating** - Google / Coursera (Aug 2026)
- **AI Fundamentals** - Google / Coursera (Aug 2026)
- **Data Analyst Professional Certificate** - IBM (May 2025 - Oct 2025)

Digital Marketing & Strategy

- **Inbound Marketing Specialist (Outbound and Inbound Certification)** - HubSpot (Jan 2025 - Jul 2025) | GPA: 3.8
- **Google Ads Apps Certification** - Google (Apr 2020 - 2021)
- **Digital Marketing** - Google (Jan 2017 - 2019)
- **Google My Business & YouTube for SMEs** - Google (Feb 2017 - Jan 2019)

Healthcare & Leadership

- **Health Licenses & Certifications:** HIPAA Awareness, HEDIS Measures Awareness, Medical Coding Fundamentals (ICD-10-CM & CPT), Advanced Airway Management Workshop (Revive, 2024), Mechanical Ventilation for COVID-19 (Harvard)
- **Leadership:** High-Performance Leadership (Santander Open Academy, 2025)