Daniel Iván Parra Verde
Saltillo, Coah. México
📱 *+52 844 7836082*
✉ *danivpv@outlook.com*

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Brain & AI Team

Cover Letter,

Dear Hiring Manager,

I am writing to express my interest in the Customer Engineer, AI/ML position at Google Cloud. With a robust background in AI/ML and cloud technologies, I am eager to contribute to Google Cloud's mission of digitally transforming businesses and industries.

In my current role as Founder and AI Engineer at MXAI, I have successfully developed and deployed AI-powered solutions using AWS Lambda, Redis, and event-driven architectures, akin to some of the Google Cloud services. My experience with RNNs and batch ML systems with my previous employer Kuona, coupled with the design of FastAPI microservices for model deployment, has honed my ability to create scalable cloud solutions.

During my master's studies, I crafted a custom training algorithm using the extended Kalman filter, which deepened my understanding ML training nuances. Besides coursework, books, projects, and a deep passion for ML and LLMs, has led me to develop cutting edge understanding of modern ML techniques such as Transformers, more generally Graph Neural Networks, Physics Informed Neural Networks and LLMs, as showcased on my GitHub and Hugging Face profiles. I cannot thank enought the authors of books such as "Deep Learning" by Ian Goodfellow and "LLM Engineer's Guideline" by Maxime Labonne et. al. for their contributions to education in Deep Learning and MLOps/LLOps best practices respectively.

As a bilingual professional with a C1 level in English, I have effectively led customer sales meetings and demo presentations at MXAI. I am enthusiastic about bringing my customer engagement skills to Google Cloud and benefiting from the training and structure of a leading tech company.

I am particularly proud of my innovative solutions at Kuona, where I proposed using QLora for model fine-tuning and custom loss functions to enhance business KPIs. At Entropía AI, I spearheaded the development of RAG pipelines, significantly improving accuracy in QA benchmarks for legal and academic datasets which were critical for the clients trust and adoption of our solutions.

I am excited about the opportunity to join Google Cloud and contribute to its success by leveraging my expertise in AI/ML and cloud technologies. Thank you for considering my application. I look forward to the possibility of discussing how I can contribute to your team.

Sincerely,

Daniel Iván Parra Verde