ALEJANDRO ORTIZ PERDOMO

AI Engineer | Machine Learning Engineer

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Hiring Team
Periferia IT

Subject: Application for the AI Engineer position

Dear Hiring Team,

I am writing to express my interest in the **AI Engineer** position. As a professional with direct experience at Periferia IT — where I currently lead the development of a CV-Job matching system with Azure AI Search — I have firsthand knowledge of the company's culture of innovation and technical excellence, and I wish to consolidate my career by contributing from a broader AI engineering role.

Why am I a good fit for this role?

- **Proven GenAI and RAG experience in production:** I have designed and deployed conversational agents with LangChain and Azure OpenAI processing 10k+ queries/month, reducing support tickets by 40%. These are not prototypes — they are production systems with real users.

- **Azure AI ecosystem expertise:** My core stack includes Azure AI Search, Document Intelligence, Azure OpenAI, and Databricks. At Periferia IT, I built a pipeline processing 500+ CVs/day with 95% accuracy, reducing screening time by 70%.

- **End-to-end MLOps:** I implemented CI/CD pipelines with Databricks + MLflow that reduced deployment time from 2 weeks to 2 days. I understand that putting models in production is as important as building them.

- **Quantifiable business impact:** From Reinforcement Learning systems that increased conversion by 15% and revenue by $10k per person, to churn models with Lift of 3.0 impacting 50k+ customers — my approach always connects AI with measurable results.

What sets me apart?

I combine a strong mathematical foundation (B.S. in Statistics, Universidad del Valle) with modern software engineering (Master in Software Engineering, Universidad de los Andes — in progress). This combination allows me not only to build models, but to design scalable, maintainable, production-ready AI systems.

I am confident that my experience building AI solutions within the Periferia IT ecosystem, along with my track record at companies like Global Hitss and Grupo CINTE, position me to generate immediate impact as an AI Engineer.

I look forward to discussing how I can contribute to the team.

Sincerely,

Alejandro Ortiz Perdomo
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