

NICOLAS MOLINA

SENIOR SOFTWARE ENGINEER-AI SPECIALIST

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TO: BAUBAP

Dear Hiring Manager,

I am writing to express my strong interest in the **Senior Software Engineer - AI Specialist** position at Baubap. As a Senior Software Engineer with over 13 years of experience and a distinct specialization in building production-grade AI agents, I am uniquely positioned to help Baubap evolve its Customer Success agent into a highly scalable and reliable system.

I understand that Baubap needs more than just a backend engineer; you need a specialist capable of ensuring your AI agent operates with low latency and high stability while handling increased volume. **The challenge of architecting a robust, scalable ecosystem for a critical AI customer support tool is exactly the type of technical problem I have the experience—and the passion—to solve.**

My background directly aligns with Baubap's mission in three key areas:

- **AI Agent Architecture & Orchestration:** The role requires evolving the agent toward a modular architecture. As a Platzi Instructor, I authored the **"LangGraph for AI Agents"** course, teaching developers how to build stateful, autonomous workflows for production. I have hands-on experience implementing **RAG**, technical prompt engineering, and integrating LLMs (GPT-4) into educational platforms to enhance user interaction.
- **Production-Grade Backend Engineering:** I bring strong proficiency in **Python (FastAPI)** and a deep understanding of **distributed systems** and **event-driven architectures**. I have successfully led architecture redesigns to improve performance and reliability in previous roles, ensuring systems can scale efficiently.
- **Observability & Reliability:** I prioritize operational stability. My experience includes implementing robust testing environments and troubleshooting complex incidents to minimize technical failures, ensuring that AI workflows run predictably.

I am eager to bring my combination of backend solidity and AI innovation to the Baubap team. I would welcome the opportunity to discuss how my expertise in creating products and distributed systems can directly contribute to the success of your AI-driven Customer Success agent.

Thank you for your time and consideration.

Nicolas Molina Monroy