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Langdock

Application for AI Associate Position

My background as an AI and backend engineer aligns with Langdock's approach of integrating technical talent into commercial roles. My work philosophy centers on system ownership, automation, and scalable execution, treating inefficiency as a structural failure. I am applying for the AI Associate position, eager to contribute my deep technical fluency in agentic architecture and infrastructure logic to your team.

- I specialize in building self-replacing agentic systems using LangGraph, LangChain, and LangSmith. My focus is on deterministic multi-agent workflows with explicit state control, memory orchestration, and persistent, asynchronous execution. These systems autonomously handle complex tasks like document retrieval, multimodal processing, and insight generation without runtime LLM dependency. My backend stack is Python and FastAPI, with Postgres, Redis, and MongoDB for data, and Qdrant or FAISS for RAG architectures, ensuring modularity and production readiness.
- My projects demonstrate direct application of these principles. I built fully automated content pipelines for Instagram and YouTube, agent-driven systems that script, edit, caption, and publish character-based content autonomously. This reduced reel production time by 20x (<20 min/video) and cost to <\$0.15/video, achieving over 500K views. Similarly, my AI research assistant reduced manual research load by 50% and gained 4% in complex multi-step reasoning.
- My cognition is optimized for throughput, and I prioritize autonomous infrastructure, long-term leverage, and absolute control over execution environments. My philosophy is binary: if it does not scale, it is discarded; if it does not generate recurring value without oversight, it is re-architected. This ensures system durability and measurable output, aligning with the fast-paced, high-growth environment at Langdock.

I am particularly drawn to the rotational program's emphasis on Solutions Engineering and customer engagement, where my ability to build robust AI workflows and explain complex technology can directly translate into customer value. My technical foundation, coupled with an A1 German language proficiency, positions me to quickly master Langdock's platform and contribute effectively.

Warm regards,

Aditya Ghanashyam Ladawa