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CoachHub - The digital coaching platform

Application for AI Engineer

My interest in the AI Engineer position at CoachHub stems from your mission to democratize coaching through scalable AI solutions. My engineering philosophy centers on system ownership, automation, and scalable execution, directly aligning with the development of autonomous, high-throughput AI products designed for long-term leverage and measurable output.

- My expertise centers on architecting and deploying production-grade agentic AI systems using LangGraph, LangChain, and LangSmith. I specialize in deterministic multi-agent workflows with explicit state control, memory orchestration, and persistent, asynchronous execution. This includes building self-replacing systems that autonomously handle complex tasks like document retrieval, multimodal processing, and insight generation, minimizing runtime LLM dependency. My experience with RAG-based architectures, utilizing Qdrant and FAISS, ensures robust and efficient data retrieval for AI applications.

- I have a proven track record in developing LLM-powered applications with real-world impact. For instance, I engineered an AI-powered Reels generation system that reduced production time by 20x and achieved over 500K views, demonstrating a clear product mindset focused on efficiency and user engagement. My backend stack is Python and FastAPI, with principles enforcing modularity, testability, and production readiness—no demos, only robust deployments.

- My work philosophy prioritizes system ownership, automation, and scalable execution. I treat code as an asset and inefficiency as a structural failure, optimizing cognition for throughput. This includes designing and deploying robust infrastructure via Docker and GCP, ensuring uptime guarantees and reproducible environments. My approach is binary: if a system does not scale or generate recurring value without oversight, it is re-architected to meet those criteria. This aligns with CoachHub's emphasis on autonomy, proactiveness, and ownership.

My background in building autonomous, production-ready AI and backend systems, coupled with a focus on measurable impact and scalable architecture, directly addresses the requirements for this role. I am prepared to contribute immediately to CoachHub's mission of democratizing coaching through innovative AI solutions. I welcome the opportunity to discuss how my capabilities can benefit your team and drive product success.

Warm regards,

Aditya Ghanashyam Ladawa