Lumenalta Hiring Team

Lumenalta

Dear Lumenalta Team,

I am writing to express my enthusiastic interest in the Python Developer (Healthcare) position at Lumenalta, as advertised. With a solid foundation in Python backend development and a passion for crafting innovative AI/ML/LLM-powered solutions, I am confident that my skills and experience align well with the technical challenges and forward-thinking approach that Lumenalta embodies.

During my tenure as a Junior Software Developer at OHEL Technologies, I specialized in designing and deploying scalable, high-performance backend services. I developed event-driven Python pipelines using `asyncio` and `aiohttp` to manage complex API and LLM requests, significantly improving system throughput and reducing agent turnaround times. My experience extends to architecting robust, modular Python components and Flask REST API endpoints, where I leveraged `type hints` and `Pydantic` for schema validation to ensure high reliability and maintainability of AI agents.

I have a proven track record of optimizing cloud resources, reducing operational costs by approximately 20% on Google Cloud Platform. Furthermore, I developed sophisticated LLM-powered agents for document interpretation and prompt-engineering frameworks that reduced error rates by over 40% for classification and structured schema extraction. My commitment to quality is demonstrated through my collaboration on test automation initiatives using `Pytest`, which cut software defects by 25%, reflecting my dedication to robust, high-quality code. I also have experience deploying full-stack chatbot interfaces via Google Cloud App Engine, ensuring reliable uptime and autoscaling, showcasing my ability to deliver resilient cloud-based solutions.

My Bachelor of Science in Computer Science, combined with practical experience in AI, ML, and large-scale data processing, has equipped me with a strong understanding of modern software architecture and development best practices. I am particularly drawn to

Lumenalta's reputation for shaping the future of technology and its expertise in AI/ML/LLM and cloud modernization. I am eager to contribute to a team that values innovation, collaboration, and impactful software solutions.

Thank you for considering my application. I look forward to the opportunity to discuss how my backend development expertise can benefit Lumenalta.

Sincerely, Adalberto Teran Castillo

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to your team.

Adalberto Teran Castillo

Junior Software Developer