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Deloitte

Application for Senior Consultant Gen AI / Generative KI

I am writing to express my strong interest in the Senior Consultant Gen AI / Generative KI position at Deloitte in Stuttgart. My expertise as an AI and backend engineer is centered on architecting and deploying autonomous, scalable agentic systems that deliver measurable business value, aligning directly with your focus on conceiving, introducing, and developing advanced AI solutions.

- My core specialization lies in building self-replacing agentic systems using LangGraph, LangChain, and LangSmith. I prioritize deterministic multi-agent workflows with explicit state control and persistent, asynchronous execution. This approach has enabled me to develop fully automated content pipelines for Instagram and YouTube, reducing production time by 20x and costs to under \$0.15 per video, demonstrating a clear focus on tangible value creation and operational efficiency.
- I design and implement robust, production-ready AI solutions, not prototypes. My backend stack, built on Python and FastAPI with Postgres, Redis, and MongoDB, ensures modularity and testability. In RAG architectures, I leverage Qdrant or FAISS, maintaining tight control over memory and pipeline flow. This technical depth ensures that Gen AI applications are not only conceived but also operationally implemented with high reliability.
- My work philosophy emphasizes system ownership, automation, and scalable execution. I treat inefficiency as a structural failure, optimizing cognition for throughput. DevOps workflows, including Docker for containerization, Git for version control, and CI/CD pipelines on GCP, are integral to my process, ensuring reproducible environments and enforced uptime guarantees for all deployed systems.
- I am committed to driving innovation through practical application. My experience extends to integrating ML models (TensorFlow, PyTorch) into end-to-end pipelines without black-box reliance, and developing computer vision solutions with OpenCV and FFmpeg for real-time processing. This comprehensive skillset allows for the design and implementation of complex, business-relevant Gen AI solutions from conception to productive operation.

My approach to engineering, which prioritizes long-term leverage, autonomous infrastructure, and absolute control over execution environments, aligns with the demands of a Senior Consultant role focused on impactful Gen AI deployments. I am confident in my ability to contribute significantly to Deloitte's clients by transforming strategic AI visions into operational realities. My resume, available at <https://github.com/aditya-ladawa>, provides further detail on my projects and capabilities.

Warm regards,

Aditya Ghanashyam Ladawa