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Dear Hiring Manager,

I am writing to express my interest in the Machine Learning Engineer position at your organization. With four years of experience in building production-grade AI systems, paired with a deep-rooted passion for deploying practical, business-aligned ML solutions, I am confident in my ability to bring impactful contributions to your team.

Over the past few years, I have designed and delivered more than 15 AI-powered applications for clients in sectors ranging from fintech to real estate. Notably, I've developed Retrieval-Augmented Generation (RAG) chatbots using LangChain and GPT-4o, consistently achieving over 90% customer satisfaction. My GitHub portfolio showcases projects such as:

- AI-powered Motivation Letter Generator – an end-to-end Streamlit app leveraging OpenAI, LangChain, and web scraping to personalize career documents.
- Churn Prediction System – featured in ReadyTensor's publications, using fine-tuned LLMs for customer behavior modeling.
- RAG-Integrated Research Assistant – an NLP-driven tool that extracts and synthesizes academic insights from uploaded PDFs.

- Custom Agentic AI Tools – including CLI-based agents and CrewAI systems for intelligent decision-making workflows.

My strength lies in integrating ML models with real-world applications—deploying them into full-stack environments (React, Node.js, MongoDB), optimizing inference performance with techniques like LoRA/QLoRA, and wrapping them in clean, user-centric interfaces. I also have experience leading small agile teams, mentoring junior developers, and managing CI/CD pipelines via GitHub Actions and Docker.

With a strong foundation in both machine learning and software engineering, I am eager to contribute to projects that push the frontier of applied AI. I am particularly drawn to teams that value creativity, experimentation, and real-world impact.

Thank you for considering my application. I welcome the opportunity to discuss how my background and GitHub projects align with your goals. Please feel free to reach out at your convenience.

Sincerely,

Nicholas Bwalley