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Dear Hiring Manager,

I am writing to express my interest in the **Artificial Intelligence and Machine Learning Engineer and Full Stack Developer** position at your organization. With over **3 years of hands-on experience in Python-driven AI/ML development, model evaluation, full-stack development, and scalable deployment**, I bring a strong foundation in both **engineering** and **innovation** to support your team's objectives.

I have built and optimized a wide range of **AI solutions**, including **domain-specific agents** using LLMs like **Gemma 3, Gemini 2.5, DeepSeek**, and **LLaMA**, and **NLP** developed **production-ready models** using **TensorFlow, PyTorch**, and **Scikit-learn**. My recent projects include **MedSpace**, a **healthcare ecosystem** integrating **AI diagnostics, Brain tumour detection**, Symptom diagnosis, patient records, and interactive interfaces, and **AgriGuru**, an **AI-driven agricultural assistant** that provides personalized crop and market recommendations. These solutions integrate **LangChain-powered agents, service-layer architecture**, and **Model Context Protocol (MCP)** for scalability and maintainability, along with **n8n automation** for streamlining backend workflows and **Git, API triggers**.

As a **full-stack developer**, I have designed and delivered end-to-end web applications using **React.js** for the frontend and **Flask/FastAPI** for the backend, with databases like **MongoDB, PostgreSQL**, and **Firebase**. I follow **RESTful API** standards and have implemented **microservice architectures** to enable modular and efficient system performance. My deployment experience includes working with **Docker, Kubernetes, CI/CD pipelines**, and cloud platforms such as **Google Cloud Platform (GCP)** and **Render**, ensuring high availability and seamless integration from development to production.

I was a **finalist in the Infosys Global Hackathon 2025 (Chennai)**, where I led the development of an AI-powered solution under time-critical conditions, demonstrating my ability to **ideate, execute**, and **collaborate effectively** in high-pressure environments.

I am passionate about **continuous learning, cross-functional teamwork**, and applying **AI and software engineering** to build solutions that solve real-world challenges. I would welcome the opportunity to contribute my **AI/ML expertise, automation skills**, and **full-stack development experience** to your team.

Thank you for this opportunity. I am available for an interview at your convenience and look forward to the opportunity to contribute to your organization's success.

Sincerely,

V Vishnu

