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Dear Hiring Manager,

I am writing to express my strong interest in the Data Scientist position at your organization. As a current Master of Science student in Data Science, AI, and Digital Business with a 16-year professional background in technical coordination, I offer a unique blend of senior industrial experience and modern analytical skills.

My career has been defined by a commitment to technical precision and process optimization. I am now applying this rigor to my Master's thesis: "The AI Facility Manager: A Multimodal Digital Twin Integrating Energy Forecasting and Technical Knowledge Retrieval for Smart Buildings." This research leverages my engineering background to solve real-world efficiency problems using cutting-edge AI, specifically focusing on:

- Energy Forecasting: Utilizing predictive modeling to optimize resource consumption.
- Multimodal AI: Integrating diverse data streams (technical manuals, sensor data, and BIM) for automated knowledge retrieval.

Beyond my thesis, I have developed strong proficiency in the core data science stack through academic and independent projects, including Machine Learning pipelines (Scikit-Learn), Deep Learning (BERT/CNN), and Automated Data ETL (Python/Selenium).

What sets me apart is my ability to bridge the gap between complex data insights and practical industrial applications. My extensive experience in managing large-scale, multidisciplinary projects has honed my ability to maintain high data integrity and communicate technical findings to diverse stakeholders.

I am eager to contribute my technical foundation and analytical enthusiasm. Thank you for your time and for considering my application.

Sincerely,

Lijo Chacko
Berlin, Germany