

Jayanth Balina

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Dear Hiring Manager,

I am writing to express my strong interest in the Data Engineer role at your esteemed organization. With a robust background in data engineering and a proven ability to design and optimize data workflows, I am confident in my capacity to make significant contributions to your team.

Currently, I am pursuing a Master's degree in Computer Science at the University of North Texas, with a focus on data engineering and optimization techniques. My academic foundation, combined with practical experience, has equipped me with a comprehensive understanding of big data technologies and cloud platforms.

At IQVIA, I had the opportunity to design and implement data workflows using Azure Data Factory, which enhanced data movement and transformation efficiency by 40%. I also architected scalable data lakes with Azure Data Lake Storage Gen2, improving data organization and retrieval speed by 50%. My expertise in Spark Structured Streaming and Kafka facilitated real-time data processing, significantly boosting data processing speed. Additionally, I developed interactive dashboards using Power BI, which supported data-driven decision-making and increased reporting efficiency by 45%.

In my previous role at UST, I played a pivotal role in designing and supporting data lake infrastructure using AWS's big data stack, streamlining data integration and reporting processes. I developed ETL pipelines and data models that enhanced data processing efficiency by 60%, supporting diverse reporting requirements. My collaborative efforts with cross-functional teams ensured that data solutions were aligned with business goals, thereby enhancing the overall performance and reliability of data systems.

I am particularly excited about the opportunity at your organization, as the role aligns perfectly with my area of expertise. My skills in Python, SQL, and cloud platforms such as AWS and Azure, combined with my ability to develop scalable data solutions, make me a strong candidate for this position. I am eager to bring my expertise in data engineering to your organization and contribute to your ongoing success.

Thank you for considering my application. I look forward to the opportunity to discuss how my background, skills, and certifications align with the needs of your team. Please feel free to contact me at +1 (940) 218-7753 or via email at jayanthbalina135@gmail.com to schedule a discussion at your earliest convenience.

Sincerely,

Jayanth Balina