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Subject: Application for Data Engineer Position

To,
The Hiring Manager,

I am writing to express my interest in the role of Data Engineer, in your esteemed organization. With a passion for data engineering and data science, I believe I can contribute my skills and expertise to your organization's vision and strategy.

As a tech enthusiast, during my college years, I have wanted to contribute and build data solutions. After my graduation and with the eventual shortage of opportunities in the data field, I joined **Amazon** as a Customer Service representative. It allowed me to hone my soft skills to understand, communicate and provide effective solutions with professionalism and patience. Next, I took up the opportunity to work at Concentrix with **Intuit** as their client in their Data Services team, working with SQL to solve small business problems and effectively communicating it with the customers.

To further my career in data engineering, I underwent rigorous training in Python, CI/CD, and BI tools, earning several certifications along the way. This led to an opportunity as a Data Engineer at Cloudcraftz, where I made significant contributions to the **Shikshalokam** open-source project, achieving a remarkable 97.8% data pipeline uptime and a 17% enhancement in pipeline efficiency. At **Udaan**, I analyzed transactional data, discerned PnL trends, and devised database schemas for strategic procurement, improving their vendor KPIs by 28%.

What excites me the most about this opportunity is to leverage data for insightful decision-making. My proficiency in managing intricate data ecosystems, demonstrated through my experience with **PySpark**, **SQL**, **NoSQL**, **Druid**, **Apache Flink**, and **Kafka**, along with CI/CD tools like **Docker**, **Jenkins**, **GitHub Actions**, and project management tools such as **Jira** and **Confluence** aligns with the technical competencies often sought in data engineering roles. Additionally, my familiarity with distributed systems like **Hadoop** and **Spark**, as well as cloud computing platforms such as **Oracle** and **GCP**, equips me to handle the challenges of modern data engineering.

Moreover, my experience in implementing data flows, re-engineering manual data flows for scalability, writing ETL scripts, and developing business intelligence reports along with communicating effectively with stakeholders aligns with the essential skills required for data engineering roles.

I have attached my resume for your review, which provides additional details about my qualifications and experience. I would welcome the opportunity to further discuss how my skills align with your organization's needs and objectives. Please feel free to contact me at your convenience to schedule an interview or discuss any further information you may require.

Thank you for considering my application. I look forward to the possibility of joining your team and contributing to the success of your data initiatives.

Sincerely,
Snehangsu De