Date   :   October 23 2025

To   :   Human Resources Management

Subject: Letter of Application – Data Engineer/Analyst

To whom it may concern

Having followed your company for a while now, I was excited to learn about a potential opportunity of getting to work there as part of your team, potentially revolving around Data Analytics/IT. And in all honesty, I admired your organization for how it has empowered its employees for growth and continuous learning, based on the experiences some acquaintances and colleagues working there. While it appears a current opening for a position I seek such as a Data Engineer/Analyst is yet to open on your company page, I thought it wise to write this letter to you to tell you more about how I fit perfectly for this role if ever it does open:

1. My recent project involved an end to end MLOps pipeline for a voice based machine learning model API where leveraging tools like Azure Functions, Azure Data Factory, and Azure Data Lake allowed me to extract, transform, and load 20gb/3.7billion data points of audio recordings from individuals to use for predicting their gender potentially for use in better derivation of insights in product/market analytics.

2. Another project involved me in building an end-to-end ETL pipeline for healthcare analytics revolving around chronic disease utilizing Power BI and open-source data warehousing solutions to manage costs and to identify KPIs that drove high rates of chronic disease in the US.

3. I'm proficient in various data analytics/engineering and especially tools which allowed me to build these projects, allowing me to gain experience in being able to not only maintain cloud infrastructure but also combine with open-source tools for cost efficiency in terms of performance and storage.

Additionally, as an undergrad our Thesis involved leading the development of a bio-signal interference detection system, which put to use my analytical and technical skills. And while I have experience in building predictive models and I am now particularly keen to focus on data analytics and have done so by building the above projects with the goal of deepening my understanding through practical application.

While I have no doubt there are plenty of qualified applicants for this role, I believe I possess the right skills that strike a balance in being able to optimize costs in terms of performance and storage AND being able to build as well scalable data solutions (without making your pockets hurt).

So, if it makes sense to talk further about my qualifications about a potential opportunity like this, I'd be thrilled if I can speak to you or anyone in your organization about it, if you're ever in the business of finding someone.

Thank you and warm regards,

Larry

Larry Miguel R. Cueva

http://project-alexander.vercel.app/