Hello Recruiters, hope you are having a good day!

I am a data scientist in the Maximo Asset Monitor team at IBM. Maximo Asset Monitor processes time-series sensor data to gain actionable insights. My current job role involves researching and improving the analytics capabilities of the product. While learning about the product, I discovered a need for adding data quality controls in our analysis. Inspired by an article "Data Quality is Analysis" published in Data Elixir, a data science web journal, I further researched data quality analysis recommended for time series. Resultantly, I developed and integrated a toolset to perform data quality checks for time-series data in the product.

The second project I undertook stemmed from a need to improve anomaly detection modeling. Having come across matrix profiling of time-series data in my weekly reading of Data Elixir, I started my next project as an experiment to compare matrix profile discords as anomaly detectors with existing models in the project. Using both customer data and legacy data in my experiments I successfully advocated the addition of the new model.

In addition to my data science role, in my current job I gained experience in creating, maintaining, and deploying backend APIs that are hosted on kubernetes cloud platform. Through development of APIs used to query analysis results I practiced writing SQL queries for different databases. Deploying these services on the kubernetes cloud platform provided me with a chance to learn the architecture of containerized application development.

To further my exposure in the data science realm I participated in the Kaggle's 2021 Women in Data Science (WiDS) competition. In a team of three I worked on the challenge to detect diabetes mellitus in a patient using the first 48 hours of intensive care unit data. Through this competition I learnt about challenges with healthcare data and new ways to analyze such data. From other participants I learnt best practices and applied them in my project when building my own machine learning pipeline. As team leader, I advocated for increasing the understanding and explainability of our models, the key to building trust in AI.

With a curious personality I strive to understand and be better at whatever I am working on. I am looking for a job with machine learning problems as the primary focus. Within the machine learning realm I want to focus on the modeling process - data analysis, experimenting with model selection, and output analysis.

Thank you for your consideration, and I hope to hear back from you.

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