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March 23, 2022

Superbalist
Takealot Group
Human Resources

Dear Sir/Madam,

I am applying for the **Engineering Manager (Machine Learning)** position within the Superbalist Engineering Team. I am currently a Data Scientist/Machine Learning Engineer at Entelect, leading a project at Standard Bank Corporate Investment Banking (CIB) called FX Tips.

In my current role, I am mostly guiding the team I am currently working with by getting requirements and user stories and converting them into actionable items. The latest project I work on started as a Proof of Concept where I designed and architected the whole backend system. I was having a couple of junior developers at my disposal to assist me while training them. The stack is mostly Python and Hadoop (Spark, Hive, Taz ...). The heart of the system is made of a Machine Learning component that produces recommendations for CIB clients. I managed to build the entire pipeline to production with descent version control systems and CI/CD. The project generated revenue over the last 6 months approximately \$300000. I currently lead a team of Data Scientists and Software Developers.

In regards to this position at Superbalist, I am very excited and willing to take on some challenges : Search Retail Optimization. My background in Mathematics and Computer Science fundamentals (Data Structures and Algorithms) gave me the ability to tackle complex problems, when time and space complexity are involved. I have been a lecturer at the University of the Witwatersrand for 3 years on a part-time basis. It helped manage a crowd in a constructive manner. I am very passionate about growing the people I am working with. That is done mostly by challenging them and myself on some technical topics.

I believe I am qualified for this position, and taking on new challenges will help me grow as a Superbalist Engineer Manager (Machine Learning).

Yours faithfully,

Best regards,

Julien Nyambal