

Julien Nyambal
39 Eugene Street, Helderkruijn
Johannesburg, Gauteng
South Africa
☎ +27 (0) 83 398 9020
✉ julien.nyambal@gmail.com

March 23, 2022

Takealot Group
Human Resources

Dear Sir/Madam,

I am applying for the **Machine Learning Operations Engineer (MLOps/DevOps)** position within the Takealot Engineering Team. I am currently a Data Scientist/Machine Learning Engineer at Entelect, working on a project at Standard Bank CIB called FX Tips.

With approximately five years of work experience in the data space, I have been exposed to projects that allowed me to put academic knowledge to use. As a part-time PhD student specializing in Binarized Neural Networks at the University of Witwatersrand, I am able to critically think about everything I produce.

The FX Tips project was one of the major projects I worked on. As a major member of the team that created a data-driven solution to bring that project to life, I utilized my Software Engineering and Machine Learning skills. I lead the Engineering team and obtain requirements from stakeholders' committees. My responsibilities mainly consist of building and monitoring a pipeline that integrates machine learning smoothly with the other components of the project. This includes, but is not limited to, DevOps, version control, code reviews, parameter tuning (Machine Learning), software engineering best practices, and metrics tracking. I report to the stakeholders with major improvements and updates on both the engineering and data sides. The entire process is to make sure that end-users have an optimal experience with the platform. This position I am currently holding gives me the ability to create and propose my vision and direction. This yields better results, as I am mainly responsible for any failures or downtime experienced by the system or the client.

I believe that I am a suitable fit for this position because I use my experience to mentor and help juniors or whoever needs my help. This includes machine learning, data science, and software engineering.

Taking on new challenges will enable me to grow in my position at Takealot Engineering.

Yours faithfully,

Best regards,

Julien Nyambal