

Pennylane SAS

8 October 2026

Application for Senior Machine Learning Engineer - Embedded AI at Pennylane SAS

Dear Hiring Manager,

I am applying for the Senior Machine Learning Engineer - Embedded AI role at Pennylane SAS, where I can utilize my skills in machine learning and AI to contribute to the development of accounting and financial software for small businesses and their accountants. The company's focus on using technologies like Python, Pytorch, and PySpark to build innovative solutions aligns with my interests and experience. I am particularly drawn to the fact that Pennylane SAS works with small businesses and their accountants, as I believe that machine learning can have a significant impact on the financial industry.

The work that Pennylane SAS does in the FinTech industry, specifically in building accounting and financial software, resonates with me. I have experience in developing autonomous systems using Computer Vision and Machine Learning, and I appreciate the company's commitment to using cutting-edge technologies to solve real-world problems. My experience in building a multi-agent framework and generating a dataset of heterogeneous web interfaces for detection models has taught me the importance of collaboration and effective problem-solving. I am also comfortable working in a distributed team environment, and I appreciate Pennylane SAS's remote-friendly culture, which would allow me to work effectively with the team in France from my location in Tunisia.

As a machine learning engineer with experience in Python, SQL, and data engineering, I am seeking a senior role in AI and ML engineering where I can leverage technologies like FastAPI, BERT, and Scikit-learn to drive innovation. I am available to relocate, but I am also comfortable with the idea of working remotely and collaborating with the team in France. My goal is to contribute to the development of innovative solutions that replace manual work with reliable, orchestrated, and secure automated systems, and I believe that Pennylane SAS is the right company for me to achieve this goal. I am asking to join the team as a Senior Machine Learning Engineer - Embedded AI, where I can utilize my skills and experience to make a meaningful contribution.

Sincerely,



Chedy Chaaben