

PROFESSIONAL SUMMARY

Machine Learning Engineer who builds models from end-to-end finish by cleaning data, training models, and deploying them to the cloud. Experienced with LLMs and image models for business use cases.

SKILLS

Python, R, SQL, AWS, Snowflake, Scikit-Learn, TensorFlow, PyTorch, PostgreSQL, MongoDB, Qdrant, Redis, Pinecone, Spark, ZenML, MLflow, DVC, Hugging Face, Docker, Kubernetes, LangChain, Apache Kafka, Apache Airflow, Git, GitHub Actions, Pandas, Dask, NumPy, Snowflake Matplotlib, Seaborn, Plotly, Pinecone, JavaScript, Go,

EXPERIENCE

AI Engineer, GENFIT

November 2024

- Building generative AI apps to automate internal processes in the company.
- Building and deploying an image classification model to classify various histological pathologies.

AI Engineer, Sanofi

Sept 2023 - Aug 2024

- Assisted in designing a curated pipeline for generating RAG evaluation datasets and assessing RAG pipeline performance.
- Built custom tools to enhance agent efficiency in data retrieval and graphical representation.

MLOps Engineer, IMT Mines Alès

Jan 2024 – Mar 2024

- Developed and implemented an MLOps pipeline to automate end-to-end processes for model training, evaluation, and deployment.
- Established data and model drift monitoring solutions, ensuring model stability and long-term performance.
- Leveraged AWS services to deliver cost-effective, scalable solutions for model training and deployment.

Data Scientist, Vaisala

Apr 2023 - Sept 2023

- Conducted in-depth market research and developed ML-based calibration methods, enhancing product focus and metrics.
- Contributed to solutions for aerosol classification and wind speed prediction, increasing product utility and market competitiveness.

Machine Learning Engineer, EUROMOV DHM

Jan 2023 – April 2023

- Analyzed fNIRS signals from patients undergoing tDCS to identify biomarkers correlating electric dosage with neural responses.
- Enabled dosage adjustments based on patient responses, supporting future personalized treatments for cognitive restoration in brain injury patients.

PROJECTS

Intelligent Healthcare Management Web Platform – [Github Link](#)

- Developed a healthcare platform with appointment booking, LLM-based symptom-driven doctor search, and a RAG system for quick patient data access. Added a file manager for report sharing and a feed with a follow system for doctors to share educational content.

EDUCATION

Engineering Degree in Computer Science, AI, and Data Science

- IMT Mines Alès

Master's of science in Biomedical Physics

- University of Montpellier