



Thomas Marquis

Python/AI Engineer

I'm a passionate developer who thrives on learning and innovation. After 2 years as a web developer and 6 years as a python/MLOps expert, I am looking for new technical challenges. Currently living in France, my primary goal is to move in Norway permanently, a country whose culture and values strongly resonate with me. I aim to contribute my skills as well as integrate into the local community. I am also fully committed to learning Norwegian as quickly as possible.

Experience

2022 - 2025

Peaksy - Bordeaux - France

Tech Lead MLOps

Deploying the MLOps approach, designing and building a scalable AI/ML platform, hiring and mentoring python developers, making code reviews and technical choices, R&D.

Key achievements:

- Deployed MLflow as a model registry, developed a python client and CICD pipelines
- Deployed LLMs and embedding models both on Azure and on-premise (with TGI and Triton Inference Server)
- Developed a RAG application with FastAPI/Langchain/PgVector
- Prototyping AI multi-agent architecture with Langchain, Langgraph, a2a-sdk and mcp Technologies: Python, MLflow, Kubernetes, Helm, Azure (AI Foundry, APIM), Langchain, Langgraph, a2a-sdk, Transformers, Pytorch, Nvidia GPU, Go

2020 - 2022

SII (for Cdiscount) - Bordeaux - France

Python expert for Data Science

Industrializing Data Science projects, developing python libraries and tools for Data Scientists, mentoring them on our technical stack and good practices (clean and hexagonal architecture, TDD, BDD)

Key achievements:

- Designed and developed a Python framework for building data science workflows
 - Developed, optimized and/or refactored Python ML inference jobs
 - Developed a security Python library implementing the OpenID Connect protocol
- Technologies: Python, AzureDevops pipelines, Helm, Data Science libraries (pandas, scikit-learn...), Snowflake, MongoDB, Prometheus/Grafana

2018 - 2020

SII (for Cdiscount) - Bordeaux - France

Full stack web developer

Development of Google Assistant and Messenger chatbots, and front/back development on the Cdiscount's website (ReactJS) and mobile app (React Native).

Key achievements:

- Deployed chatbots helping users to find products
- Developed a new navigation system on the mobile website and app

Technologies: Java & Spring Boot, ReactJS, React Native, Kotlin, Couchbase, Python scripting, Docker, Kubernetes, Dialogflow (Google's NLP engine)

Citizenship

French

Education

2013 - 2017

Master's Degree in Information Systems Management

Bordeaux Sciences Agro -
Bordeaux (France)

2011 - 2013

Preparatory Class Technology and Biology

Jean Rostand High School -
Strasbourg (France)

Expertise

- Python, Go, Java, JavaScript/TypeScript, Bash
- Docker, Kubernetes, Helm, Azure Devops, Github
- Snowflake, Postgres, Couchbase, MongoDB
- Azure (AI Foundry, APIM)
- Jet Brains' IDEs, VS Code/Cursor, Neovim
- TDD, Clean/Hexagonal architecture
- Agile, SCRUM, Kanban

Language

English: C1

French: Native

Hobbies & interests



Improv Theatre



Hiking



Personal and open-source
projects development



My dog

Reference

Available upon request.