



Thomas Marquis

MLOps Engineer

I'm a passionate developer who thrives on learning and new challenges. My current life project is moving to Norway permanently, where I aim to contribute my skills in AI, MLOps, and software development while building a new life in this country. I've visited multiple times and fallen in love with. I am also fully committed to learning Norwegian as quickly as possible.

Contact

Phone

+33 6 02 30 96 86

Email

thomas.marquis314@gmail.com

Address

25 avenue de Picot, bat A, apt 14,
33320 Eysines (France)

Citizenship

French

Education

2013 - 2017

Master Degree in Information Systems Management

Bordeaux Sciences Agro -
Bordeaux (France)

2011 - 2013

Preparatory Class Technology and Biology

Jean Rostand Hight 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: Fluent

French: Native

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 Server)
- Wrote Helm Charts and CICD pipelines tailored for data science workflows
- Prototyping chatbots and AI workflows with Langchain and Langgraph

Technologies: MLflow, Helm charts, Azure (AI Foundry, APIM), Transformers library, 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
- Deployed JupyterHub and Argo Workflows on our Kubernetes cluster
- 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 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)

Hobbies & interests



Improv Theatre



Hiking



Personal and open-source
projects development



Dogs

Reference

Available upon request.