

MARCO MARINI

Computer Science Engineer

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ABOUT ME

It's a pleasure to introduce myself: I'm Marco. My expertise focuses on **AI, Data and Software Engineering**. I'm currently on the lookout for an exciting and dynamic role in the Tech field. I'm aware a single-page resume can only provide a glimpse, so feel free to explore my [website](#) for a more comprehensive understanding of my background and skills.

EXPERIENCE

Tech Product Owner

Mediaset

Dec 2023 - Now Cologno Monzese (MI)

As a Tech Product Owner at Mediaset, I **lead cross-functional teams** and coordinate with external providers to develop cutting-edge technological solutions that drive significant return on investment (ROI). I am responsible for the following key products:

- Private Mobile Application:** Managed the end-to-end development of a private mobile app, worth **€500.000**. Built with **React Native** and deployed on-premise, I led a team of 8 people, following the end-to-end product lifecycle, from design documents up to development and delivery. The app is now used daily by around **300** Mediaset sales representatives.
- RAG System:** Deployed on Google Cloud Platform (**GCP**) using Gemini 1.5, this system allows employees to query and access PowerPoint presentations, PDFs, and other documents produced by the marketing line of service (LoS).
- Recommendation Engine:** Led the development of a recommendation system deployed on **AWS** in Mediaset's cloud. This system is part of a larger **€3 million** project and assists operations teams in assigning advertisement spots based on customer requests. The estimated **ROI** of the solution is around **€10 million annually**.

Associate - Data & Analytics - AI & ML Engineer

PwC Italy

Oct 2022 - Dec 2023 Milan, Citylife

- Performed **Big Data Engineering** tasks for a financial client, speeding up the data pipeline by approximately **50%** and significantly **reducing** both **computational costs** and **data storage space**.
- Developed a complex application that allows for the calculation of risk indicators. I implemented the **backend** using **PySpark** and the **frontend** with **React**. This application has been integrated also with **forecasting models** to **anticipate market trends** and take **proactive** or **corrective** actions.
- Oversaw the development of a **clustering algorithm** designed to **identify users** with **anomalous permissions** within the client's database. I was able to **reduce the auditor's workload** by more than **fivefold** and significantly **improving** the **precision** of anomalous user detection.

HARD SKILLS

- Platforms:** Palantir Foundry, GCP (Vertex AI, Big Query), AWS (S3).
- Framework/Languages:** Python (PySpark, Pandas, Tensorflow, Scikit-Learn), SQL, C, JavaScript, HTML, CSS, React, C++, Matlab, Typescript, Java, Terraform.
- Certifications:** [Palantir Data Engineer](#), [Palantir Data Scientist](#), [Palantir Application Developer](#), [Palantir Data Analyst](#), [Palantir Solution Architect](#), [Udemy Prompt Engineer](#).

EDUCATION

Master's Degree in Computer Science and Engineering

Politecnico di Milano

2020-2022 Milan, p.za L. da Vinci

Language: English.

Thesis: [Read here my thesis](#).

Bachelor degree thesis: [See code here](#).

LANGUAGES

Italian native
English fluent

HOBBIES

I am a passionate and curious guy who loves cultivating hobbies. I have a strong passion for **cooking**. I enjoy making pizza, panettone, and preparing **cocktails**. Additionally, I have a small collection of gins. As a true wine lover, I have achieved the first-level **sommelier** qualification. In my free time, there's nothing I enjoy more than **traveling**. I always bring my camera with me to capture [beautiful places I visit](#) (in 2015 I won Liliana Urtamonti **photography** contest with [this shoot](#)). Sports also play an important role in my life, I have participated in a variety of **sports** including skiing, soccer, paddle, beach volley and basketball.

I hereby authorize the use of my personal data in accordance to the GDPR 679/16 - "European regulation on the protection of personal data".