

Raphaël Parmentier

AI Engineer & Data Scientist

pro.raphael.parmentier@gmail.com · [+33 6 47 83 82 44](tel:+33647838244)

[LinkedIn](#) · [GitHub](#) · raphaelparmentier.dev



Building AI-assisted systems, automation workflows and production-oriented data applications.

Selected Work

AI-assisted Data Quality Auditor

Live Demo

[Next.js](#) · [FastAPI](#) · [Python](#) · [Gemini](#) · [Vercel](#) · [Render](#)

- Designed AI-assisted reporting workflows to accelerate dataset quality assessment and reduce manual review effort
- Built and deployed a full-stack analytical application with frontend, backend API and cloud infrastructure
- Developed automated validation scoring and visual analytics to support faster data quality decision-making

Experience

Machine Learning Engineer — DataScientest / Mines Paris

Apr 2026 – Present

Building production-oriented AI systems, ML workflows and deployed analytical applications.

Lecturer — Télécom SudParis

Dec 2024 – Present

Delivering workshops and applied courses in statistics, Big Data and analytical workflows.

Optimization Analyst — Serebis

Feb 2024 – Feb 2026

Designed internal automation and analytical operational tools to streamline inventory, maintenance and reporting workflows.

Preclinical Statistics Consultant — Sanofi

Sep 2023 – Jan 2024

Delivered statistical validation and analytical review supporting decision-making in regulated pharmaceutical R&D programs.

Preclinical Statistics Consultant — GSK

Jul 2021 – Aug 2023

Contributed to statistical analysis and interpretation for vaccine research programs in cross-functional scientific teams.

Skills

Programming: Python R FastAPI SQL Git Docker Next.js

AI Systems: LLM Systems ML Workflows Automation Statistical Modeling Experimental Design

Infrastructure: APIs Vercel Render Data Pipelines Analytical Dashboards

Education

AI Engineering Certification — DataScientest / Mines Paris

2026

Master's Degree — Bioinformatics & Biostatistics — Paris-Saclay University

2020

Bachelor's Degree — Health Biology — University Paris XII

2018