Morgane Flamant

Freelance Python Developer

Building robust, scalable solutions with clean, efficient code

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About Me

Passionate freelance Python developer with over 5 years of experience building web applications, APIs, and automation solutions. I focus on writing clean, maintainable code and delivering high-quality solutions that meet client needs.

Working through **O'Portage** for seamless project management and administrative support.

Languages

French	Native
English	Fluent

Work Experience

Lead Developer Python

2021 - 2025

NM Data - MV Group

Direct Marketing / Data Management company specializing in B2C and B2B data collection, cleaning, and standardization. Managing a central database of over 38 million individuals for marketing campaigns.

- Introduced Agile SCRUM methodology with sprint planning and retrospectives using Asana
- Authored internal development charters for ticketing workflows, coding standards, and Git usage
- Led projects using Python automation scripts, Django web interfaces, and MongoDB for large-scale data
- Managed technical planning and refactoring of legacy code for improved performance
- Managed growing development team and handled production deployment

Key Metrics

5+ Years Experience

38M+ Records Managed

500€ Daily Rate (TJM)

Backend Developer Python

2019 - 2021

Surycat - Enovacom

Healthcare / Crisis Management solution for hospital environments managing staff rotations efficiently during crisis situations. Available as on-premises and cloud-based solutions to prevent staff burnout through fair workload distribution.

- Developed and maintained backend API endpoints for frontend applications
- Built scalable, event-driven services using AWS Lambda and Serverless framework
- Implemented security best practices with AWS Secrets Manager and IAM permissions
- Wrote functional and unit tests with Pytest for code reliability
- Participated in CI/CD processes using CircleCI and managed production deployments

Trainer – MongoDB & Elasticsearch

Aug - Sep 2023

301 School, Rennes

Education / Career Retraining center focused on helping individuals transition into new careers, particularly in tech and data-related fields.

- Delivered two 3-day training sessions on MongoDB and Elasticsearch (including Kibana)
- Created engaging training materials using Google Slides for non-technical adult learners
- Designed hands-on exercises and quizzes to reinforce database concepts
- Guided participants through installation, configuration, and real-world usage

Technical Skills

🐍 Python & Frameworks

Python   Django & Flask

FastAPI   Pandas & NumPy

🛢 Databases

MongoDB   PostgreSQL

DynamoDB   MySQL

Redis

☁ AWS & DevOps

AWS Lambda

Secrets Manager   Docker

CI/CD & TDD

🖳 Infrastructure

Unix Servers

Apache2 & Nginx

Cron Jobs   Kafka

</> Frontend & Web

JavaScript & jQuery

VueJS & Element Plus

JSON & XML

Web Development

☷ Project Management

SCRUM   Sprint Planning

Git, GitLab & GitHub

Asana & Jira

Project Coach & Evaluator

2019 - 2021

ETNA (École des Technologies Numériques Avancées)

Education / Project-Based Learning tech school where students learn through hands-on experience with industry professionals providing coaching and assessment on real-world projects.

- ▸ Coached student teams on Grand Projet ETNA (GPE), a two-year capstone startup project
- ▸ Advised on project direction, innovation, and feasibility to shape viable products
- ▸ Guided teams from Proof of Concept development to polished final products
- ▸ Assessed and graded projects based on innovation, execution, and presentation
- ▸ Participated in corrections across multiple subjects and student cohorts

Featured Projects

AFACE78 Website

Volunteer project creating a complete website for AFACE78 association. Developed custom WordPress plugins integrating Ohme and Brevo services for enhanced functionality.

WordPress • PHP • Ohme Integration • Brevo API

Body Exercises Workout Planner

PyQt6 desktop application for creating personalized workout plans with interactive body diagrams. Features gender-specific exercises, calendar export, and visual workout planning.

Python • PyQt6 • Calendar Integration • Desktop App

IoT Device Management System

Comprehensive FastAPI platform for IoT device management with real-time monitoring, MQTT integration, WebSocket support, and automated alert systems.

FastAPI • PostgreSQL • MQTT • WebSockets • Redis • Docker

Simple Agent with RAG

AI agent implementation using Retrieval-Augmented Generation (RAG) for intelligent document processing and question answering with context-aware responses.

Python • RAG • AI/ML • NLP

Leboncoin Real Estate Scraper

Python web scraper for leboncoin.fr real estate listings with smart filtering, automatic data export to CSV/Excel, and rate limiting protection.

Python • BeautifulSoup • Pandas • Web Scraping