Morgane FLAMANT
Confirmed Python Developer

CONTACT

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PROFILE

I'm a developer at heart—that's what defines me most. I thrive on the challenges that come with designing robust architectures and solving complex problems. I enjoy working within well-defined structures, and when none exist, I take the initiative to build them.

While Python is my area of expertise, I'm adaptable and comfortable switching between languages and technologies as needed. I value responsibility, collaboration, and continuous learning—drawing insights from every team member.

I'm also driven by curiosity and self-improvement. I often seek out unconventional solutions and new experiences that push me beyond my comfort zone and help me grow in unexpected ways.

LANGUAGES

English - Fluent
French - Native

HOBBIES

Krav Maga - Black belt
Epoxy - Objects creation

WORK EXPERIENCES

Lead developer Python - 2021 - 2025
at NM Data - MV group

Developer backend Python - 2019 - 2021
at Surycat - Enovacom

EDUCATION

ETNA 2014 - 2019

School of applicated technology and numeric
Three years of apprenticeship as System Engineer in Cisco Sytem France 2016 - 2019

Master Degree

SKILLS

Development

- Python, Django, Flask
- AWS, lambda, secrets manager
- MongoDB, PostgreSQL, DynamoDB, MySQL
- CI/CD, TDD
- Unix servers, Apache2, Nginx, Cron jobs
- JSON, XML
- JavaScript, jQuery, web development
- VueJS, Element plus

Management

- SCRUM
- Sprint planning, Sprint, retrospective
- Git, Gitlab / Github
- Asana, Jira

DETAILED WORK EXPERIENCES

Lead developer Python - 2021 - 2025
at NM Data - MV group

Company: NM Data
Industry: Direct Marketing / Data Management
About the company:
 NM Data specialises in direct marketing, working with both B2C and B2B data. We collect, clean, and standardise data from clients to enrich our central database, which includes over 38 million individuals. This mutualised database can be rented for marketing campaigns and events.
Role: Lead Developer
Context:
 I joined as Lead Developer at a time when the company was growing and lacked a development structure. The CTO recognised the need for leadership as the team expanded, and I was tasked with bringing clarity and process to the development efforts.
Key Contributions:
- Introduced Agile SCRUM methodology, including sprint planning, retrospectives, and team rituals using Asana.
- Authored internal charters for development practices: ticketing workflows, coding standards, and Git usage.
- Oversaw and contributed to a range of projects built primarily in Python (automation scripts), Django (web interfaces), and MongoDB (to handle large-scale data).
- Led ongoing development, technical planning, and refactoring of legacy code to improve performance and maintainability.
- Managed a growing development team, provided technical support, and handled production deployment and issue resolution.

Developer backend Python - 2019 - 2021
at Surycat - Enovacom

Company: Surycat
Industry: Healthcare / Crisis Management
About the project:
 Surycat was designed for hospital environments to manage staff rotations efficiently, especially during crisis situations. It helped prevent staff burnout by ensuring fair workload distribution. The system was available as both an on-premises and a newer cloud-based solution.
Role: Backend Developer
Team Structure:
 Agile SCRUM team composed of:
- 1 Product Manager
- 1 Product Owner
- 2 Frontend Developers
- 2 Backend Developers
- 1 DevOps Engineer
Key Contributions:
- Developed and maintained backend API endpoints consumed by frontend applications.
- Worked extensively with AWS Lambda and Serverless framework to build scalable, event-driven services.
- Implemented security best practices using AWS tools (Secrets Manager, IAM users and groups with fine-grained permissions).
- Wrote functional and unit tests with Pytest to ensure code reliability and maintainability.
- Participated in CI/CD processes using CircleCI.
- Actively contributed to sprint planning, reviews, and retrospectives using Jira as part of a fully SCRUM-based workflow.
- Managed production deployments and provided post-release support.

PROJECTS

MongoDB and ElasticSearch trainings - August and September 2023
at School 301

Organization: 301 School, Rennes
Industry: Education / Career Retraining
About the school:
  301 School is a training center focused on helping individuals transition into new careers, particularly in tech and data-related fields.
Role: Trainer – MongoDB & Elasticsearch
Key Contributions:
- Delivered two separate 3-day training sessions on MongoDB and Elasticsearch (including Kibana) to a small class of adult learners from diverse, non-technical backgrounds.
- Created engaging training materials using Google Slides, tailored to beginners.
- Designed hands-on exercises and quizzes to reinforce understanding of database concepts and practical usage.
- Guided participants through installation, configuration, and real-world use of MongoDB and Elasticsearch tools.

Technical coach/training - 2019 ~ 2021
at ETNA

Organization: ETNA (École des Technologies Numériques Avancées)
Industry: Education / Project-Based Learning
About the school:
  ETNA is a project-based tech school where students learn through hands-on experience. There are no traditional lectures; instead, industry professionals are brought in to review, assess, and coach students on real-world projects.
Role: Project Coach & Evaluator
Key Contributions:
- Provided coaching and mentorship to student teams working on the Grand Projet ETNA (GPE), a two-year capstone project designed to help students build and potentially launch a startup.
- Advised students on project direction, innovation, and feasibility, helping them shape their ideas into viable products.
- Guided teams through the development of a Proof of Concept (POC) in the first year and a polished final product in the second year.
- Assessed and graded projects based on innovation, execution, and presentation.
- Participated in corrections for various other subjects across multiple student cohorts.