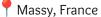
## MAXENCE RENAUD

### Fullstack/DevOps Engineer









Technical Skills



Professional Experience



Languages

Accomplishments & Passions



A Fullstack/DevOps Engineer driven by a genuine commitment to **code elegance** and **system robustness**. I pay particular attention to **details**, **technical consistency**, and the quality of the final product. For me, clean development relies on a structured approach: **tests**, **documentation**, **code reviews**, **continuous coverage**.

A curious autodidact, I regularly train on topics that drive me—from **backend** to **frontend**, including **automation** and **deployment pipelines**—through concrete or personal projects. I enjoy exploring modern frameworks, optimizing workflows, and sharing what I learn.

My approach is **structured yet adaptable**: it relies on **technical clarity**, **constant team interactions**, and **short feedback loops** for fine-tuned iterations.

Recognized for my **constant energy**, **pedagogical skills**, and my ability to move projects forward with **pragmatism**, I'm fully committed—with the ambition to bring both **technical value** and **meaning**. I strongly value knowledge sharing: I regularly practice **pair programming**, informally train colleagues on my areas of expertise, write **internal tutorials**, and have led several **technical training sessions** within companies.

I'm also comfortable in **coordination roles**: I've led multi-actor projects, facilitated cross-functional working groups, and contributed to technical team structuring.

## **Technical Skills**

- Languages & Frameworks: Python, JavaScript, TypeScript, React.js, Next.js, Redux Toolkit, Pyramid, Django
- CI/CD & DevOps: GitLab CI/CD (expert-level), Pytest, Docker, docker-compose, Nginx, SonarQube
- API & Data: REST, OpenAPI, PostgreSQL, Pydantic, django-ninja, FastAPI, Celery, Redis, RabbitMQ
- UI/UX: TailwindCSS, Material Design, HeroUI, Bootstrap
- Monitoring: Grafana, Prometheus, ELK Stack, Sentry
- Linters: Black, eslint

- **Project Management:** team leadership, agile workflow, tech meeting facilitation, cross-functional coordination
- Collaboration & Ticketing Tools: GitLab (issues, boards), Redmine, Mattermost, MediaWiki
- Miscellaneous: Jitsi-meet (RTC), Linux, Shell, OAuth2, MediaWiki



I rely on well-established practices: test-driven development (TDD), code coverage, living documentation, systematic code reviews, iterative delivery / agile management (Scrum/Kanban), DRY principles, fast MVPs, optimized CI/CD pipelines, etc.



## Fullstack Developer / Lead Backend

### **Parsys Telemedicine**

March 2024 - Present

- Functional specification in direct collaboration with project managers.
- Technical lead and mentoring of developers regarding architecture and best practices.
- Contribution to backend team organization.
- Backend development (Python, Pyramid, REST API) and codebase modernization.
- Integration of a connector for the French Health Data Hub (ARS).
- CI/CD pipeline optimization with GitLab.
- Refactoring and technical documentation.
- Daily tech support, RTC module enhancements (Jitsi-meet stack).
- Software developments for SMUR Île-de-France public tender.
- Deployment of a recording access server for Emirates' long-haul teleconsultation fleet.
- Implementation of an automated medical file allocation system for Doctors Without Borders (MSF) at international scale.

## XDevOps Engineer / Senior Expert

### **Directorate of Technology & Innovation (DSNA)**

November 2020 - May 2022

- "Accelerator" mission: promoting DevOps and agile practices.
- Transversal technical coach: support for teams adopting DevOps practices, pipeline redesign, and continuous delivery structuring.
- Organizational restructuring to promote continuous delivery.

# Project Manager / Developer

### Meet2Geek (side project)

September 2017 – April 2020

• Development of a matchmaking platform for gamers.

- Company incorporation, trademark registration, booth at Chartres video game convention.
- Multichannel communication (Discord, Twitter, Facebook).

### Airspace Manager / Project Manager

### Paris Area Control Center (CRNA Nord - DSNA)

September 2014 - November 2020

### Airspace Manager (2014-2017)

- Airspace design, operational safety, civil/military coordination.
- Drafting of Letters of Agreement (LoAs) with French and foreign civil/military air traffic control units.
- Safety studies for airspace design and reorganization projects.

### **Digital Project Manager / Internal Developer** (2017–2020)

(in addition to the above responsibilities)

- Redesign of internal documentation system (MediaWiki), internal process structuring.
- Supervision of internal webapps, co-design workshop facilitation.
- Implementation of technical standards and change management.
- Rollout of collaboration tools (Redmine, Mattermost, GitLab), agile management.



### ENAC (French Civil Aviation University)

2011 - 2014

- Engineering Degree in Computer Science & Air Traffic Management
- Master's in Research Networks & Telecommunications



2008 - 2011

- 1st at "Mines" entrance exam
- · Accepted to Centrale, Supélec
- Accepted to Arts & Métiers



French: nativeEnglish: fluent

• Spanish: fluent (2 years spent in Latin America)



• StravHop (stravhop.com) — Interactive Strava activity visualizer with smooth time-based navigation ("hops").

- The Silent Wonders (thesilentwonders.com) Ongoing social platform project showcasing positive actions without promoting ego.
- stravawizard (pip installable) Python middleware/connector for Strava: OAuth handling, data retrieval, extensible.
- Coinvest APP (GitLab repo) A responsive web application for tracking co-investment payments in property purchases. Built with Flask and modern responsive design principles.
- resoltus SUTOM (French Wordle) command-line solver in Python.
- Advent of Code Regular participation, puzzle solving "just for fun".
- Volunteering as a tutor in my free time.
- Enthusiast of slow travel and self-sufficient hiking.
- Regular trail & ultra-trail runner 🏃 skydiver 🎅 and light aviation pilot (including aerobatics) 🏏
- Participated in 24h of Le Mans Roller (team).
- Former The North Face brand rep (Vieux Campeur Paris).
- Woodworking: furniture building and restoration.