



# Leo Vivier

SENIOR SOFTWARE ENGINEER · SITE RELIABILITY · DIGITAL INNOVATION

Paris, France

[leo@leovivier.com](mailto:leo@leovivier.com) | [www.leovivier.com](http://www.leovivier.com) | [zaeph](#) | [leo-vivier](#) | [31 y/o](#)



## Work Experience

### imagino

SENIOR SOFTWARE ENGINEER · SITE RELIABILITY

Paris, France

Jan. 2024–Now

- Design and maintain highly available distributed systems.
  - Kubernetes orchestration with Docker/Podman containerization and Infrastructure as Code: Go, GitLab CI/CD, Azure.
- Monitor system reliability and performance across production environments.
  - Comprehensive observability with metrics, logging, alerting systems, capacity planning, and performance optimization.
  - 24/7 on-call incident response and cross-team coordination.
- Develop backend services and APIs for production-scale applications.
  - Go microservices with RESTful APIs, event-driven communication, and multi-database architecture: PostgreSQL, ClickHouse, DuckDB.
  - Streaming external API integrations, cost-optimized event orchestration, and multi-channel campaign management.
- Bridge development and operations through DevOps automation.
  - System architecture design, deployment strategies, post-mortem processes, and cross-team incident coordination.

### Qomon

SOFTWARE ENGINEER · BACKEND

Paris, France

May 2023–Jan. 2024

- Web and mobile CRM platform for NGOs and political entities.
- Development and maintenance of containerized micro-services written in Go communicating via RPC with a RESTful API.
- Sprint-based organization, triage of support tickets, edition of feature roadmaps, feasibility studies and incident reports.

### Ministère de l'Éducation nationale et de la Jeunesse

Academy of Versailles, France

HIGH-SCHOOL ENGLISH TEACHER

Aug. 2019–Dec. 2020

## Skills

### Programming

**EXPERT** Go, Lisp, Bash · **ADVANCED** Python, POSIX Shell · **INTERMEDIATE** Rust, C, Node.js, JavaScript, TypeScript, Haskell, Lua

### Operations

**CLOUD** Azure, Scaleway · **VIRT.** Docker, Podman · **ORCH.** Kubernetes, K3s, Dokku · **VCS** Git, Gitolite · **AUTO.** Ansible, Make  
**CI/CD** GitLab, GitHub, Netlify · **SYS.** Linux · **PACK.** Nix · **WEB** Django, Go, Go-chi, NGINX · **BACKUP** BorgBackup

### Data

**OLTP** Postgres, SQLite · **OLAP** ClickHouse, DuckDB · **ENCRYPTION** GPG, LUKS, TLS · **NOTEBOOKS** Org-Babel, Jupyter

### Misc.

**EDITOR** Emacs, VIM · **UI/UX** React, SASS · **DOC.** L<sup>A</sup>T<sub>E</sub>X · **MUSIC** Piano · **SPORT** Swimming

### Languages

**EXPERT** English, French · **INTERMEDIATE** Italian, Japanese, Korean

## Open-Source Projects

### EmacsConf

[emacskonf.org](https://emacskonf.org)

CO-ORGANIZER, TEAM LEAD & HOST

Sep. 2020–Now

- Project management; timing, deliverables, collaborator on-boarding: Gitolite, Ansible, Ikiwiki, Emacs/Elisp.
- Developed and managed pipelines for prerecorded presentations: Whisper (AI-based subtitling), FFMPEG (re-encoding).
- Co-developed and managed the streaming and broadcasting setup: Icecast, RTMP, OBS, TigerVNC
- Managed the server cluster for post-processing, streaming and broadcasting: DNS, Docker, GNU Parallel.
- Wrote internal documentation and training material for collaborators: Wiki.
- Presentations on the functionalities and the development of Org-Roam.
  1. An Emacs Developer Story: From User to Package Maintainer (2020).
  2. Org-Roam: Presentation, Demonstration, and What's on the Horizon (2020).
  3. Org-Roam: Technical Presentation (2020).

### Org-Roam

Org-Roam

CO-AUTHOR & CO-MAINTAINER, SPECIALIZED ON THE ORG-MODE ECOSYSTEM

Apr. 2020–Now

- Emacs software for creating notes and relating them based on RoamResearch and the Zettelkasten method.
- 5 800+ ☆ on GitHub in 5 years with an active community of 5 000+ members on Slack and Discourse.
- Interface with other Emacs software via Org-Roam-BibTeX: Org-Ref, Helm-BibTeX and Org-Noter.

### Ranger

Ranger

MAINTENANCE ASSISTANT & ACTIVE CONTRIBUTOR

Jul. 2018–Now

- File-manager for terminals based on VIM with 13 000+ ☆ on GitHub.

### Other Projects

Profile

CO-MAINTAINER, CONTRIBUTOR

Jul. 2018–Now

- CRDT.el, Org-Mode, Emacs, Helm-BibTeX, Lispy, Ace-Link.

## Education

### CY Cergy Paris Université

Cergy, France

MA IN ENGLISH EDUCATION (MEEF)

Aug. 2019–Jun. 2020

### Université Rennes 2

Rennes, France

BA & MA IN ENGLISH STUDIES ('AIRES ANGLOPHONES'), FIELD: BRITISH LITERATURE

Sep. 2012–May 2018

- International exchanges: The University of Manchester (Sep. 2013–Jun. 2014), Reed College (Aug. 2017–May 2018).