

# Célestin Matte

## DevOps System Administrator

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https://cmatte.me  
https://github.com/Perdu  
34 years old  
Strasbourg, France

### Education

**2017**      **PhD** in Computer Science, INSA Lyon, University of Lyon, France.  
**2014**      **Master** (*Diplôme d'ingénieur*) at Ensimag, Grenoble INP. Semester in Aalto University (Finland).  
**2011**      **DUT** in computer sciences in Metz, valedictorian. Semester in Germany.

### Professional experience

**2020 - now**      **Freelance DevOps & System Administrator**

Worked with multiple clients, including:

- **2021 - now**      *Software in the Public Interest*  
(part time)
  - Migrated production systems (websites, mailing lists, email servers) to cloud platforms (GCP, AWS)
  - Implemented monitoring, backup, and security measures for critical infrastructure
  - Automated deployments and system configuration with Ansible. Public example: Ansible-PGLister
  - Reimplemented a Flask web application in Django (Python), improving maintainability
  - Configured email infrastructure (Exim, SPF, DKIM, DMARC) and Google Workspace integration
  - Handled support requests for multiple open source projects; worked with projects maintainers on patches integration and bug reports
- **2022-02 - 09**      *IRIS (Canon group)*  
(80% part time)
  - Managed ~50 Linux servers, upgrading systems and implementing security hardening
  - Resolved critical crashes and issues
  - Automated recurring tasks using Ansible

**2014 - 2020**      **PhD & Postdoc** at *INSA Lyon & Inria*

- Researched privacy, Wi-Fi & Web tracking, GDPR compliance; published 7 articles (1 top-ranked conference)
- Built and deployed a demo Wi-Fi tracking system at public venues (Cité des Sciences, CNIL)
- Automated large-scale analysis of 28,000 websites with custom Python/Selenium script
- Taught computer science (3 years) and collaborated in interdisciplinary teams, including lawyers
- Research cited by Google, discussed at IEEE, referenced in legal action and covered by *Wired & Le Monde*

**2011 - 2014**      **Internships / Part-time jobs:** *Hochschule Mittweida, Digigram, TDF, CITI Laboratory.*

### Technical skills

- DevOps & CI/CD: Ansible, Docker, Git, Gitlab, Bash
- Cloud: GCP, AWS, OVH, Gandi
- OS: Linux (Debian, Arch Linux, Ubuntu, CentOS)
- Software: Apache, NGINX, PostgreSQL, MariaDB, Postfix, Exim, Dovecot, Fail2ban, PHP-FPM, OpenVPN, Nagios, vSphere
- Programming: Python (Flask, Django), PHP
- IaC: Familiar with Kubernetes and Terraform (self-study)

### Misc.

French (native), English (excellent), German (average).

Driving license.

Contribution to Open Source:

- Maintainer of various Arch Linux AUR packages, e.g. *wyrd*
- Patches and bug reports to open source projects, including Ansible (Python), Strawberry (C++), Consent-O-Matic (JavaScript)

Selected personal projects:

- Managing 4 personal servers (Arch Linux/Debian), hosting web / mail / VPN / videoconferencing services (2013-now)
- Built and operated a real-time version of a game, optimizing and monitoring PHP backend performance (2020-21)
- Led dance shows, developing C/C++ software with Kinect sensors and coordinating performers (2016-2018)
- Communicated complex technical concepts to general audiences in journal articles (2015-2021)
- System administrator for student association, migrated Debian server (2012-14)
- Grehack Security Conference - Organization committee (2012 - 2015)