

ROMAIN DEVILLE

Platform Engineer / SRE

IT enthusiast, I'm focused on Platform Administration, Automomatisation and Observability. I love everything related to IaC and automation through GitOps approach to ensure tracability of deployment evolution, reconcialition when drifts occurs and scalability.

I also pay a lot of attention to my volunteer investments and my commitment to security and data privacy.

CONTACT

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France

Driving License

NETWORK

romaindeville.fr

framagit.org/rdeville-public

github.com/rdeville

in linkedin.com/in/romaindeville

LANGUAGES

French Native Language

English

Fluent

FORMATION

PhD in Computer Sciences INSA, Rhône-Alpes, France

2018

2014 M.Sc. Engineering **Speciality Computer Sciences** INSA, Rhône-Alpes, France

PROJECTS

Dotgit Sync

Tool to synchronize configurations files across multiple git repository.

NixOS et Home-Manager public modules.

OpenTofu/Terraform

Opentofu/Terraform public modules.

Dotfiles

Configurations files for TUI/CLI such as tmux, neovim or awesomewm.

INTERESTS

Self-Hosting

Hosting mails and cloud storage since 2016. Currently deploying Kubernetes clusters bare

DIYFabrication, CAO, 3D printing, laser cutting,...

Photography

Practice of film, digital and polaroid photography.

Bike customization and main mode of transportation.

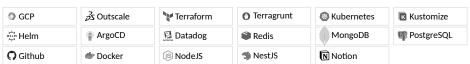
COMPÉTENCES

Soft Skills DevOps / SRE **Programming** Lamwork **Cloud Provider** Python Pedagogy **Identity Access Management** Js Javascript Documentation Infrastructure as Code Nix Script Shell **Q** Curiosity **Kubernetes** Autonomy Monitoring 🕝 C++ CI-CD

PROFESSIONAL EXPERIENCES

Dougs

Bron, Rhône-Alpes, France



Lead DevOps / SRE

Infra Team

Oct. 2024 - June 2025 7 months

Feb. 2024 - June 2025

1 year 4 months

- In charge of supersvision and administration of infrastructures, kubernetes clusters et access.
- Team's roadmaps **planification** with CISO, software architect and IT director,
- Monitoring controls of the Information System and Security in ISO 27001 and SecNumCloud context.
- Information System Monitoring and incident résolution when required,
- Maintaining the team's documentation.
- Technical support for developers,
- Recrutment, support and training of team members.

DevOps / SRE

Infra Team

Feb. 2024— Oct. 2024 8 months

- Import into IaC tools existing cloud infrastructure,
- Cloud Infrastructure management in ISO 27001 and SecNumCloud context,
- **Kubernetes clusters administration**,
- Information System Monitoring and incident résolution when required,
- CI/CD deployment and management,
- **Technical support** for developers,
- Maintaining the team's documentation.

Skyloud

Lyon, Rhône-Alpes, France

Juil. 2022 - Juil. 2023 1 year 1 month



Plateform Engineer

Scale Team

July 2022 - July 2023 1 year 1 month

- Public Cloud infrastructure Design et deployment with IaC technologies,
- Kubernetes Clusters Administration and application deployment within clusters,
- Monitoring Information Systems with tools such as Prometheus, Mimir, Loki, Grafana,
- Containerisation of client application, setup CI/CD with GitOps tools,
- Automatisation of internal process to ease migration of client applications in the cloud.

VOLUNTEERING

LOV. FabLab

Laboratoire Ouvert Villeurbannais

Board Member 2019-2020 1 year

2018-2020 Active Member 2 years 5 months

Illyse

Associative ISP in Lyon and Saint-Étienne

2017-- 2020 **Board Member**

3 years 8 months

2016-2020 Active Member 4 years 8 months

Salle des Rancy, Maison pour Tous

Youth and Cultural Community Center

Volunteer 2016-2020 4 years 5 months

Graines d'Images

INSA Lyon photography union

2012-2013 **Financial Administrator** 1 vear

2010— 2011 Vice President

1 year

Active Member 2009-2018 9 years LIRIS (UMR 5205), CNRS

Villeurbanne, Rhône-Alpes, France

Ingénieur d'Études

Plateform Team **Design and implementation** of an experimentation platform, dedicated to research projects.

- Hardware and software architecture design of the platform,
- Setup tools to automate platform management,
- Evaluation of different monitoring systems and setup prototype of the platform monitoring,
- Write the **technical documentation**.

I also offered internal training about following topics:

- Setup of Continuous Integration (CI) tools.
- Use of Git and data security (gpg, KeepassXC, storage encryption).



PhD Candidate

Sept. 2014 - August 2018 4 years

Juin 2011 - Août 2020

Sept. 2018 — August 2020

6 years 9 months

2 years

M2DisCO Team

Realization of a research project associated to the ANR SoLSTiCE project aiming to develop new models and tools to represent 2D (images) and 2D+t (videos, cellular automata) data.

- Development of tools and algorithm to perform grid mining,
- Plan and perform data experimentations,
- Autonomous work.



Internship - Final year project

M2DisCO Team

March 2014 - Sept. 2018 6 months

Preparation of a research project associated to ANR SoLSTiCE to continue as PhD candidate.

- Prototyping and development of tools and mining algorithm,
- **Planification** of experiments,
- **Reading and analysis** of many research papers on the subject,
- Autonomous work.



Development of modelization and visualization tools using Web 3D technologies to display a smart building with possibilities to send requests to sensors.

