

ROMAIN DEVILLE

DevOps Engineer / SRE

IT enthusiast, kinda weird, living in the terminal, I'm focused on cloud platform administration, automation and observability.

I love everything related to IaC tools and automation through GitOps approach to ensure traceability of deployment evolution, scalability and reconciliation when drifts occur.

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

🌐 linkedin.com/in/romaindeville

LANGUAGES

🇫🇷 **French** Native Language

🇬🇧 **English** Fluent

FORMATION

🎓 **PhD in Computer Sciences** 2018
INSA, Rhône-Alpes, France

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

PROJECTS

Dotgit Sync

Tool to synchronize configurations files across multiple git repository.

NixOS

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 metal at home.

DIY

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

Photography

Practice of film, digital and polaroid photography.

Cycling

Bike customization and main mode of transportation.

COMPÉTENCES

Soft Skills

👥 Teamwork
🎓 Pedagogy
📄 Documentation
🔍 Curiosity
⚙️ Autonomy

DevOps / SRE

☁️ Cloud Provider
🔑 Identity Access Management
🏗️ Infrastructure as Code
🔧 Kubernetes
📊 Monitoring
🔄 CI-CD

Programming

🐍 Python
🟡 JS Javascript
⚙️ Nix
📁 Script Shell
🐞 C++

PROFESSIONAL EXPERIENCES

Dougs

Bron, Rhône-Alpes, France

Feb. 2024— June 2025
1 year 4 months

☁️ GCP	🔗 Outscale	🏗️ Terraform	🔑 Terragrunt	🔧 Kubernetes	🔧 Kustomize
📦 Helm	💡 ArgoCD	📊 Datadog	🔴 Redis	🌱 MongoDB	🗄️ PostgreSQL
🐙 Github	🐳 Docker	🟢 NodeJS	🔴 NestJS	📝 Notion	

Lead DevOps / SRE

Infra Team

Oct. 2024— June 2025
7 months

In addition to the missions of DevOps/SRE, I was in charge of:

- **Supervision and administration** of infrastructures, kubernetes clusters et access.
- **Planification** of the team's roadmaps with CISO, software architect and IT director,
- **Monitoring controls** of the Information System and Security in ISO 27001 and SecNumCloud context,
- **Recruitment, 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 response** when required,
- **CI/CD** deployment and management,
- **Technical support** for developers,
- Maintaining the team's **documentation**.

Skyloud

Lyon, Rhône-Alpes, France

Jul. 2022— Jul. 2023
1 year 1 month

🐘 AWS	🔗 Scaleway	🏗️ Terraform	🔧 Kubernetes	📦 Helm	🐳 Docker
🔴 Gitlab CI	💡 ArgoCD	📊 Grafana	🔴 Loki	🔥 Mimir	🗄️ Prometheus
🟡 Javascript	📄 Docusaurus				

Platform 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

Active Member 2018— 2020
2 years 5 months

Illyse

Associative ISP in Lyon and Saint-Étienne
Board Member 2017— 2020
3 years 8 months

Active Member 2016— 2020
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
Financial Administrator 2012— 2013
1 year

Vice President 2010— 2011
1 year

Active Member 2009— 2018
9 years

LIRIS (UMR 5205), CNRS

Villeurbanne, Rhône-Alpes, France

Design Engineer

Plateform Team

Jun 2011— Août 2020
6 years 9 months

Sept. 2018 — August 2020
2 years

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

M2DisCO Team

Sept. 2014— August 2018
4 years

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. 2014
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**.



Internship

DB Team

June 2011— August 2011
3 months

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

