

ROMAIN DEVILLE



System Engineer / DevOps - GitOps at Skyloud

IT enthusiast, I'm focused on system administration and more specifically infrastructure automatic deployment and provisioning. I also pay a lot of attention to my volunteer investments and my commitment to data privacy.

CONTACT

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🚗 Permis B

NETWORK

🏠 romaindeville.fr
📁 docs.romaindeville.fr
Documentation of my projects.
🔗 framagit.org/rdeville.public
🐙 github.com/rdeville
🌐 linkedin.com/in/romaindeville

LANGUAGES

🇫🇷 **French** Native Language
🇬🇧 **English** Fluent

EDUCATION

📅 2018 **PhD in Computer Sciences**
🏠 INSA, Rhône-Alpes, France
📅 2014 **MSc in Computer Science**
🏠 INSA, Rhône-Alpes, France

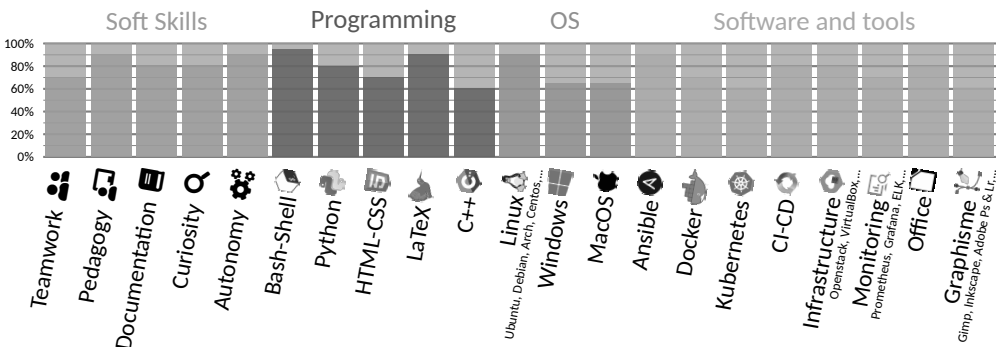
PROJECTS

📁 **Mkdocs Template**
Management of a documentation configuration to have a consistent rendered across multiple project.
📁 **Direnv**
Automatic management of work environments using direnv consistently across all my projects.
📄 **Resume Builder**
Generation of a PDF resume and static website in multiple languages using YAML files.
📁 **Dotfiles**
Configuration dotfiles for most of the programs I use (vim, tmux, bash/zsh, awesomewm,...)

INTERESTS

📷 **Photography**
Practice of film, digital and polaroid photography.
🚲 **Bicycle**
Bike customization and main means of transport.
📧 **Self-Hosting**
Self-hosting my own emails and online storage since 2016.
🔧 **DIY**
Fabrication, CAD, 3D printing, laser cutting,...

SKILLS



WORK EXPERIENCES

🌐 **skyloud** Skyloud
📍 Lyon, Rhône-Alpes, France
Skyloud is a company specialised in new technologies related to the Cloud. It aims to help Startups and other companies to setup, optimise and manage their infrastructure.
System Engineer
📅 Jul 2022— present
1 year 6 months
DevOps - GitOps

- Public Cloud **infrastructure Design et deployment** with IaC technologies (Infrastructure as Code),
- **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.

🏛️ **LIRIS** LIRIS (UMR 5205)
📍 Villeurbanne, Rhône-Alpes, France
The "Laboratoire d'InfoRmatique en Image et Systèmes d'information" (LIRIS) is a joined research unit backed by the CNRS, INSA Lyon, University Claude Bernard Lyon, University Lumière and Ecole Centrale de Lyon.
Platform Engineer
📅 Sep 2018— Aug 2020
2 years
Devops - System Administrator
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 Student
📅 Mar 2014— Aug 2018
4 years 6 months
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
📅 Jun 2011— Aug 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.

VOLUNTEER EXPERIENCES

🔧 **LOV**
📅 Jun 2018— Nov 2020
2 years 5 months
📍 Villeurbanne, Rhône-Alpes, France
FabLab - "Laboratoire Ouvert Villeurbannais"
"LOV" is a FabLab which offers access to shared workspace and access to uncommon ressources for its members to realize fabrication projects.
• **Board Member**
📅 Jun 2019— Jun 2020
1 year

👤 **Illyse**
📅 Mar 2016— Nov 2020
4 years 8 months
📍 Lyon, Rhône-Alpes, France
Associative ISP in Lyon and Saint-Étienne
Illyse is an association which goals are the promotion of a neutral and open computer network, respectful of its users and their privacy.
• **Board Member**
📅 Mar 2017— Nov 2020
3 years 8 months

If you are reading this resume using PDF viewer, light blue text are clickable hyperlinks.