



Clément GRENNERAT

Full-Stack Developer & INSA Lyon CpE Student
Bridging Code, Infrastructure, and Leadership
2024 - 2027

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Auvergne-Rhône-Alpes, France
21 years old

Profile

Self-taught developer with **6+ years of experience** in software, automation, and system administration. Passionate about **DevOps**, **infrastructure**, and **open-source** – I create and **maintain projects used by thousands**. As **Head of IT for my student union**, I **lead teams**, deploy **critical solutions**, and adapt quickly to new challenges. Seeking a **2026 internship** where I can leverage my technical depth and cross-functional skills to build **robust systems** or **lead engineering projects**.

Duration: 3 to 4 months

From May to August 2026

Education

- 2027
2024 **INSA Lyon - Computer Engineering**
Software engineering, UML, AGILE, SGBD, Networks, System programming, Compilers, Distributed Infrastructures, Probabilities & Statistics, Algorithms.
- 2024
2022 **INSA Lyon - Initial Engineering Training Program**
Achievement: Ranked in the top 10% of the class
- 2022
2021 **Marie Curie High School (Isère, France)**
High School Diploma with highest honors, awarded commendations by the jury
- 2021
2020 **French High School of Calgary (Alberta, Canada)**
One year of experience in an English-speaking country

Professional Experience

- 2025
2 mos. **Intern in HPC scheduling**
Developed the core of a cluster scheduler in Rust. My Rust implementation reduced scheduling time by a factor of 20.
- 2022
1 mos. **Internship - Les Deux Ponts Printing Company**
Gained insight into printing trades and techniques; studied the impact of digital technologies on a company's internal organization.

Personal Experience

Student Union INSA Lyon

2024 → Present

I am the IT Team Lead at the student Union, managing a team of about a dozen people. Overseeing BareMetal, Kubernetes, and Docker infrastructure. Handling CI and scaling of associative services. Experience in project management, DevOps, and system administration.

Computer Science

2016 → Present

I am a self-taught software developer, having learned programming during my middle school years. I host several personal services on a homelab.

→ PDF4Teachers (2019-2024)

PDF editing software for teachers, focused on productivity. It retains previous annotations and offers a wide range of features for correcting and annotating scanned tests supporting numerical & skill-based grading.

→ ThreeFingerDragOnWindows (2022-2024)

Enables macOS-style three-finger dragging functionality on Windows Precision touchpads.

DIY and Creativity

2014 → Present

I am passionate about DIY and have been since childhood. I enjoy expressing my creativity through crafting various objects and solving everyday problems.

→ Wooden Onewheel (2024)

An all-terrain vehicle with a single wheel. Involved in woodwork (jointer, router), arc welding, spot welding (for soldering the battery), wiring, and CAD.

→ Mechanical Keyboard (2023)

A keyboard featuring two screens, a fingerprint sensor, a volume knob, and a USB hub. Involved in CAD work, steel cutting and bending, 3D printing, PCB design, electronics, and C development.

Links

LinkedIn GitHub

Languages

→ French (native speaker)

→ English (C1 - IELTS 7.0)

→ Spanish (A2)

Qualities

Independent Persistent
Detail-oriented Organized

Interests

</> Development & Infra
🔧 DIY
🏔️ Travel and mountain
🎿 Skiing, Mountain Biking, Running

Languages Proficient In

Rust Java
 JavaScript Python

My Tools

JetBrains IDE
 Typst Figma
 Docker GitLab

Frameworks Proficient In

VueJS NuxtJS
 Rocket.rs

Currently Learning

NixOS Kubernetes
 ArgoCD ReactJS
 Django C++