

Thibaut Fontaine

DEVOPS ENGINEER · SYSTEM ADMINISTRATOR

Bordeaux / Paris

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Summary

I have developed a strong expertise in Linux integration and infrastructure automation using Ansible and Kubernetes. Driven by curiosity and a DevOps culture, I am now eager to apply my skills to large-scale scientific space projects. I am highly motivated to contribute to the ESA Datalabs evolution by leveraging Infrastructure as Code to support missions like Euclid and Planck.

Education

Computer engineering diploma

EFREI - ENGINEERING SCHOOL OF DIGITAL TECHNOLOGIES

- Specialization: Information Systems Security

Paris, France

Graduated in Nov. 2024

Associate degree in computer science

IUT D'ORSAY - PARIS-SACLAY UNIVERSITY

- Two-year degree in Computer Science, with a specialization in Networking.

Paris, France

2015 - 2017

Experience

Capgemini

CYBERSECURITY ENGINEER - (POSTGRADUATE)

• Schneider Electric R&D - DevOps

- Deployed and managed self-hosted GitHub runners across a hybrid infrastructure (On-premises & Azure), optimizing build performance and security for development teams.
- Automated server provisioning and configuration using Ansible, standardizing environments and reducing manual setup time.
- Engineered CI pipelines using Github Actions.
- Developed Python automation scripts to eliminate repetitive administrative tasks.
- Modernized build systems by migrating legacy projects to CMake and Conan, improving dependency management and compilation speed.
- Provided Level 2/3 technical support to engineering teams.

Bordeaux - France

Nov. 2024 - Present

June 2025 - Present

Capgemini

CYBERSECURITY ENGINEER - (PREGRADUATE)

• Capgemini - SOC Analyst

- Triaged and investigated security incidents across EDR, XDR and SIEM platforms.
- Executed end-to-end incident response (Containment, Eradication, Recovery).
- Engineered and fine-tuned detection rules to reduce false positives, significantly improving the efficiency of the monitoring infrastructure.
- Wrote comprehensive forensic reports for client cybersecurity teams, translating technical logs into actionable remediation steps.
- On call-duty a week per month. Mentored junior analysts on investigation methodologies.

Bordeaux - France

Oct. 2022 - Nov. 2024

Jan. 2024 - Apr. 2025

• BNP Paribas - SecOps Analyst

- Member of the Operational Security Team.
- Access rights management.
- VoIP Project Management.
- Processing DLP alerts from L1 to L2.

June 2023 - Dec. 2023

• ADBM - Integration of a secure Information System

- Study and Integration of a secure administration workstation.
- Hardening Debian and Redhat workstations.
- Deployment of various servers using Ansible playbooks (RedHat IDM, Satellite, SMTP Postfix with IMAP overlay, SFTP, Nextcloud).

Jan. 2023 - May 2023

Internship French Army Ministry

ARMIES MINISTRY

- Integration of a data diode within an information system.
- Unilateral data transmission.
- Proof of concept of data diode integration with associated issues (data integrity and data loss).
- Realization of tests and performance study.

Paris - France

Sept. 2021 - Apr. 2022

Skills & Certificates

Infra & Cloud	Docker, K8s, Proxmox (homelabbing)
Automation - CI/CD	Ansible, Python, Bash, GitHub Actions
SOC	XSOAR, Sekoia, Tehtris, HarfangLab
Languages	French: Native, English Fluent, Spanish: B1
Softskills	Proactive, Analytical, Autonomous

2025	CKA, Linux Foundation
2024	Blueteam, SecurityBlue
2024	Cortex XDR Support, Palo Alto
2024	CyberForce Defenders, Palo Alto