Sylvain Chateau

Email: dev@sylvain-chateau.com | **Phone**: +33 7 88 32 90 51

LinkedIn: linkedin.com/in/sylvainchateau | **GitHub**: github.com/sylflo | **GitLab**: gitlab.com/sylflo

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PROFESSIONAL SUMMARY

I love solving problems and building things—whether it's a **web app, automation pipeline, or infrastructure**. I enjoy making systems **smoother, faster, and more reliable** while always learning along the way. Passionate about **DevOps, fullstack development (Python & React), and automation**, I even run my own infrastructure for fun. **Immediately available.**

WORK EXPERIENCE

Python Backend Developer | Outscale (Oct 2021 - Nov 2024)

- **Developed** a cloud orchestrator using **Python, SQLAlchemy, RabbitMQ, and QEMU**, improving **virtualization performance and scalability**.
- **Mentored** 4 junior developers, enhancing their **cloud infrastructure expertise** and strengthening team collaboration.
- **Designed and implemented UEFI and TPM** features, ensuring **security compliance and Windows 11 compatibility for 100 instances**.
- Built an internal DevOps monitoring tool, **improving visibility and response times for infrastructure incidents**.
- **Analyzed logs** with **ElasticSearch**, identifying and resolving **critical bugs affecting system stability**.
- Optimized CI/CD pipelines, **eliminating manual deployment bottlenecks** and increasing workflow efficiency.

Fullstack Developer | Sysdream (Apr 2017 - Jun 2021)

- **Developed** a cybersecurity training platform using **Flask (REST API), SQLAlchemy, and React**, integrating **VMware for virtualization**.
- **Implemented** VNC access in **React** using **Apache Guacamole**, enabling **100% remote access** to virtualized environments.
- **Automated infrastructure deployment** with Ansible and Terraform, enhancing **system observability**.
- Designed and provisioned **CTF Attack/Defense infrastructures** for **100+ participants in cybersecurity competitions**.
- Built **containerized Jeopardy-style security challenges**, ensuring **scalable, isolated environments** for training.

EDUCATION

Epitech (Master's Degree | BAC +5) Oct 2012 - Aug 2017

Beijing JiaoTong University (Exchange Program) Sep 2015 - Jun 2016

PROJECTS & ACHIEVEMENTS

- **Personal Infrastructure:** Manage a **self-hosted infrastructure**, gaining expertise in **VLANs, OPNsense routers, and Unifi networking**. Automated deployments using **Ansible, Terraform, and Podman**.
- **Helm Charts on GitHub:** Created and maintained **Helm charts** for Kubernetes-based **home server deployments**, improving automation and infrastructure management.

SKILLS

- **Programming Languages:** Python, Flask, SQLAlchemy, JavaScript, TypeScript
- **Frameworks & Tools:** FastAPI, Django, React, Jenkins, RabbitMQ, Redis, Celery
- **Databases:** PostgreSQL, MariaDB, MySQL, SQLite
- **Infrastructure & Cloud:** Terraform, Ansible, QEMU, VMware vSphere, Nginx, Gunicorn
- **Monitoring & Automation:** Prometheus, Grafana, AlertManager
- **Version Control & CI/CD:** Git, GitLab, GitHub Actions
- **OS & DevOps:** Linux, Docker, Podman, Kubernetes, Containerization, Cloud Orchestration

LANGUAGES

- French (Native)
- English (Fluent)

INTERESTS

- Self Hosting, Classical Guitar, Bouldering, Cooking