

Antoine Virgos

Infrastructure and DevOps Engineer | Automation and Computer Security

AVAILABLE IMMEDIATELY

PORTFOLIO

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Profile

Engineer with a degree in computer security from INSA Centre-Val de Loire and passionate about GNU/Linux, I combine expertise in automation and Infrastructure as Code (IaC) with solid SOC experience (detection, CTI, incident response) to industrialise and secure infrastructure at scale.

Work experience

Infrastructure Engineer

09.2025 · 08.2026

Capgemini · Katowice, Poland · Energy sector

*Mission within the industrialisation team (**4 people**, 10+ partner teams, Agile organization in sprints), automating **2,000+ servers** UNIX and Windows.*

- **Local accounts audit** | Development of an Ansible Use Case for automated large-scale local account auditing with reporting dashboards (account inventory, password expiration tracking).
- **Automated deployment of a critical internal tool** | Automation of a multi-platform critical internal tool deployment via Ansible.
- **Automated vulnerability remediation** | Automation of vulnerability remediation and security patch deployment.
- **Support and documentation** | Writing of operational procedures and management of incidents related to Ansible Use Cases and roles.

Computer security engineer by apprenticeship within a SOC

09.2022 · 08.2025

Hospices Civils de Lyon · Bron, France

*SOC of **France's second-largest university hospital group** (~23,000 employees, 14 sites). Team of **12 people** organized in Kanban with daily stand-ups.*

- **Security detection and analysis** | Development of detection rules in a SIEM and CTI automation using Python and APIs.
- **Security tools administration and deployment** | Deployment and administration of containerized SOC tools for investigation and incident response.
- **GNU/Linux infrastructure automation and management** | GNU/Linux server management and automation of recurring tasks using Bash scripts and Ansible (security update management and configuration standardization).
- **CI/CD and documentation** | Implementation of a CI/CD pipeline (Azure DevOps) to automate the deployment of local GNU/Linux package mirrors and writing of operational procedures.

Education

Engineer diploma - INSA Centre-Val de Loire

09.2022 · 06.2025 · Department of Security & Computer Technologies · apprenticeship

2-year technical degree - University Institute of Bordeaux

09.2020 · 07.2022 · Computer science

Computer science skills

Automation and IaC: Ansible (AWX/AAP), Semaphore, Bash, Python, PowerShell

CI/CD: Git, GitLab CE/EE (CI/CD), GitHub, GitHub Actions, Azure DevOps, Jenkins, Artifactory

Containers and Orchestration: Docker, Podman, Kubernetes

Systems, Virtualisation and Networks: GNU/Linux (RHEL/CentOS, Debian), IBM AIX, Windows Server (Active Directory), KVM/QEMU, VMware ESXi, Hyper-V, SELinux, strongSwan (IPsec VPN), Forcepoint (proxy), Wireshark, TCP/IP, DNS

Computer security: Splunk, RSA NetWitness, Microsoft Defender for Endpoint, Sekoia.io, GLIMPS, TheHive, Cortex, MISP, Shodan, MITRE ATT&CK, Sigma, YARA

Development: C, Java, PHP, Symfony, HTML, CSS, JavaScript, React

Databases: MySQL, SQLite, MariaDB

Project management and ITSM: Jira, ServiceNow

Certifications

RHCSA - Red Hat

In progress · Red Hat Certified System Administrator · hands-on exam EX200

Personal projects

deploy-awx-minikube

Automated deployment of Ansible AWX on Kubernetes (Minikube) via a Bash script: continuous deployment monitoring, port-forwarding for local access, and admin password retrieval.

Bash · AWX · Kubernetes · Minikube

github.com/avirgos/deploy-awx-minikube

deploy-glpi

Deployment of GLPI and its agent: GLPI containerized with Docker (MariaDB & Nginx services) and the GLPI agent deployed via Ansible.

Bash · Docker · Ansible · MariaDB · Nginx

github.com/avirgos/deploy-glpi

Languages

French	English	Spanish
Native	TOEIC 950/990	Bilingual