

ARTHUR PALY

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EXPERIENCES

Systems & Security Engineer Trainee

Axens

Sep 2022 – Sep 2025

Salindres, France

- Provided systems administration and cybersecurity support for critical production environments
- Assisted with deployments, config updates and daily Linux operations (troubleshooting & maintenance)
- Applied security best practices (server hardening, patching, IAM, access control)
- Built internal scripts to automate recurring tasks and reduce manual workload
- Participated in monitoring, incident analysis and technical documentation

Software Development Intern

BEA Solutions

Apr 2022 – Jun 2022

Alès, France

- Contributed to the development of an internal IT audit platform in C# used for ANSSI-aligned assessments
- Participated in software design, prototyping and feature implementation
- Assisted with agile project organisation and technical discussions

PERSONAL PROJECT

Software & Infrastructure Engineer

Portfolium

Feb 2025 – Present

Remote

- Built a full-stack application with Python backend, PostgreSQL, REST API and background workers
- Designed a containerized environment using Docker and structured the project with Git and CI workflows
- Developed features to process and visualize investment data through a clean and simple interface
- Practiced real-world software architecture, data flows, reliability and modular code organisation

EDUCATION

Master's Degree in Computer Science, IMT Mines Télécom Alès, France

2022 – 2025

Systems & Networks, Security

Computer Science (Exchange Program), ČVUT, Prague

2023

Cybersecurity, English & Mathematics

SKILLS

Languages & Tools

Python, JavaScript, Git, Docker, PostgreSQL, Bash

Platforms & Systems

Linux, Windows Server, basic Azure, virtualization

DevOps & Automation

CI/CD (GitHub Actions), containerization, REST APIs, IaC basics (Terraform)

Security & SecOps

Hardening, patching, incident handling, log analysis/monitoring, vulnerability basics

Concepts

Infra automation, system reliability, cloud security fundamentals

Languages

French (native), English (fluent)