

# ARTHUR PALY

+33 7 51 65 75 00 ◇ Remote — Open Worldwide

[paly.arthur@gmail.com](mailto:paly.arthur@gmail.com) ◇ [linkedin.com/in/arthurpaly](https://linkedin.com/in/arthurpaly) ◇ [github.com/ArthurMTX](https://github.com/ArthurMTX)

## EXPERIENCES

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### 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

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### 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

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

Systems & Networks, Security

2022 – 2025

### Computer Science (Exchange Program), ČVUT, Prague

Cybersecurity, English & Mathematics

2023

## SKILLS

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### 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)