

Paulo Pinto

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SUMMARY

Experienced DevOps Engineer with a strong background in automation, scripting, and digital infrastructure management. As the main maintainer and lead for a department-wide automated patching platform, I've demonstrated success in optimizing processes, reducing vulnerabilities, and leading technical projects. Proficient in Ansible, Python, Shell, Linux Administration, CI/CD, and Git, I'm looking for opportunities to leverage my skills as a DevOps Engineer.

SKILLS & INTERESTS

Technical: Ansible, Python, Shell Scripting, Linux, CI/CD, Infrastructure as Code, Git

Languages: Native Portuguese, Fluent English (IELTS 8.0), Conversational in Castilian, Dutch, and German

Other Skills: RHEL Administration, Vulnerability Management, Docker, Puppet, Terraform, Azure DevOps, PaC

Interests: Open Source Software, Musical Discovery, Language Learning, Bouldering, E-sports

EDUCATION

Software Engineering Bachelor's Degree

Universidade Lusófona • Lisbon, PT • 2022

Information Systems Programming and Management Technician

Escola Profissional de Tecnologia Digital • Lisbon, PT • 2019

WORK EXPERIENCE

DevOps Engineer

ASML

Veldhoven, NL • November 2023 - October 2025

- Main maintainer and lead for the department-wide automated patching platform, that served 100s of servers using Ansible and Python via RunDeck, and AWX. Created and managed projects, non-human accounts, and custom firewall rules that met stakeholders' needs and guaranteed security compliance.
- Lead the refactoring of an internal network groups automation project. Ensured compliance to current coding standards, debugged and fixed a broken Python API connector, and modernised the RHEL based execution environment, decreasing execution times from multiple hours to minutes.
- Contributed to a Vulnerability Reduction Project, achieving a significant reduction percentage of >95% vulnerabilities in a landscape of thousands of machines, demonstrating a commitment to security through automation, cross-team alignment, and driven by data via Splunk dashboards.
- Automated RedHat Satellite's maintenance tasks, optimizing content synchronization processes, and resolving issues related to activation keys and licensing for for 1000s of RHEL virtual machines. Provided support and Shell utilities to manage the host registration lifecycle during Satellite version upgrades.
- Acted as Tech Lead for multiple services, creating detailed documentation in the internal Wiki, improving team visibility, operational efficiency, and creating organizational knowledge aimed at reducing onboarding time for new hires.
- Developed and presented a Policy as Code Proof of Concept to an interdepartmental group of Infrastructure Engineers united by an innovation and automation first mindset.

DevOps Engineer

ASML via Xccelerated

Veldhoven, NL • November 2022 - November 2023

- Developed VMware Aria Orchestrator workflows to handle lifecycle events and configuration of Linux Virtual Machines on a large scale.
- Performed troubleshooting procedures using vSphere, managed and configured RHEL hosts' configuration using Puppet 3 and Jenkins pipelines, and ensured patching compliance via Ansible playbooks.
- Improved confidence in the organizational SSOT for server configuration data by wielding Python and Ansible to cross-validate its host data with direct data sources.
- Contributed to teams' planning and productivity by actively participating in scrum rituals, suggesting improvements to the Agile way of working, and contributing to a shared internal wiki.

Help Desk Intern

Hospital Garcia de Orta

Almada, PT • May 2019 - July 2019

- Replaced faulty computer peripherals and established network connections by applying standard diagnostic techniques and adhering to IT best practices.
 - Managed users and resources relating to hospital staff via Windows Active Directory.
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ACADEMIC PROJECT

Agent-Based Model to Simulate Online Interactions

Universidade Lusófona

Lisbon, PT • September 2021 - September 2022

- As a part of a bigger scientific research project, I developed an Agent-Based Model to simulate interactions between students in an online chatroom scenario, with the goal being to identify the characteristics that favour healthy and logical online dialogue among the youth.
- The model is built using NetLogo; Automation, Data Analysis and Visualization are all achieved using Python.