

PAULO PINTO

Berlin, DE

papintodigi@proton.me

Website · LinkedIn · Github · CodeBerg

SKILLS

Coding Competencies:	Ansible, Python, Shell, Puppet, Groovy, Terraform, NetLogo
Development Tools:	Git, Linux, Vim, VMware Aria Orchestrator, vSphere, OPA, Postman
Other Tools:	AWX, Rundeck, RedHat Satellite, RHEL, Jenkins, Jira, Atlassian Suite, Splunk
Languages:	Native Portuguese, Fluent English (IELTS 8.0), Conversational Castillian and Dutch

WORK EXPERIENCE

ASML

DevOps Engineer for 2 yrs

Veldhoven, NL

Nov 2023 - Oct 2025

- Automated RedHat Satellite's maintenance tasks, optimizing content sync processes, and resolving issues related to activation keys and licensing. Provided support and tools 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.
- Main maintainer and lead for the department-wide automated patching platform. In addition to automating patching for 100s of servers, and created and managed projects, non-human accounts, and firewall rules, meeting stakeholders' needs within security compliance.
- Lead the refactoring of an internal network groups automation project by ensuring compliance to modern coding standards, debugging and fixing a Python API connector, and migrating execution nodes to a more recent and secure OS release, among other feats.
- 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 improving team's way of working.
- 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.

ASML via Xccelerated

DevOps Engineer for 1 yr

Veldhoven, NL

Nov 2022 - Nov 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 ensured patching compliancy 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 my teams' planning and productivity by actively participating in scrum rituals, suggesting improvements to our Agile way of working, and contributing to a shared internal wiki.

Hospital Garcia de Orta

Help Desk Intern for 3 mths

Almada, PT

May 2019 - Jul 2019

- Provided Technical Support to the Hospital's staff
- Fixed and Replaced Computer's Externals and Networks
- Configured Work Groups, User's Permissions in Windows Active Directory
- Contributed to a friendly and respectful work environment with my outgoingness

EDUCATION

Universidade Lusófona

EQF 6 - Computing Engineering Bachelor's Degree

Lisbon, PT

Sep 2019 - Sep 2022

Escola Profissional de Tecnologia Digital

EQF 4 - Information Systems Programming and Management Technician

Lisbon, PT

Sep 2016 - Jul 2019

ACADEMIC PROJECTS

Agent-Based Model to Simulate Online Interactions

NetLogo, Python, pyNetLogo, Data Analysis, pandas, NumPy, Matplotlib, venv

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.