

Alexandre BALZARD

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in alexandre-balazard

Education

ESIEA (École supérieure d'informatique électronique automatique)

Graduate Engineering School

France, Laval

2022 – 2025

- **Major:** Cybersecurity; **Minor:** Economic Intelligence
- Four-month academic exchange in Finland focused on data science with Python (English-taught).

DUT Network and Telecommunications, University of Nantes

BSc in Network and Telecommunications

France, La-Roche-sur-Yon

2020 – 2022

Experience

Networks and Systems Engineer

Groupe IDEA

France, Saint-Nazaire

Sept 2025 – Present

- Interlocutor for the deployment of a clustered Warehouse Management System and production upgrades and continuity.
- Implemented a hybrid data platform on Azure using Azure Databricks, Power BI, and Azure Data Factory for the internal Data team.

Networks and Systems Apprentice

Groupe IDEA

Sept 2022 – Aug 2025

- Contributed to infrastructure engineering and cybersecurity initiatives, including privileged access management, network microsegmentation, ansible automation, vm deployments, monitoring.

Projects

Implementation of a Secure Data Platform on Azure

- Infrastructure engineer responsible for the platform implementation.
- Implemented secure hybrid connectivity between on-premises infrastructure and Azure Cloud (VPN, DNS, network security rules).
- Designed network topologies, configured Palo Alto and Fortinet firewalls, deployed virtual machines, and collaborated on firewall policy reviews.

Implementation of a PAM in a Hybrid Cloud Environment

- Led the evaluation and deployment in production of Wallix, a Privileged Access Management solution.
- Enhanced security, compliance, and audit traceability by enforcing privileged access controls and multi-factor authentication (MFA) across the infrastructure.

Technical Skills

- **Virtualization:** Microsoft Azure, VMware ESXi, Docker, Veeam Backup.
- **Operating Systems:** Linux, Windows Server.
- **Networking:** Firewalls (Fortinet, Palo Alto, Stormshield), VLANs, VPN, MPLS, DNS,
- **Automation/IaC:** Ansible, Terraform, PowerShell, Bash.
- **IAM:** Active Directory, Azure / Entra ID, Privileged Access Management (PAM), AD hardening, on-premises tiering.

Certifications: Stormshield Expert (Network Security), AWS Cloud and Security Foundations, ISC2 Certified in Cybersecurity (CC)

Academic & Personal Projects: Proxmox, Oracle Cloud, AWS, VPS hosting; WAF (Coraza with HAProxy), Stormshield, OPNsense, WireGuard, VLANs; Git, Docker, LXC, Python, C, basic web servers.

Languages

- French (Native), English (TOEIC 900), Spanish (B1)