Luís Barros
EU Citizen

Cybersecurity Engineer

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About

Cybersecurity professional with 2 years of experience in security operations, firewall administration, and incident response. Specialized in network security, ISO 27001 controls, and infrastructure hardening for enterprise environments. Proven ability to deliver measurable security improvements and respond effectively to critical incidents. Fluent in English and French with immediate availability in Switzerland.

Skills

- Firewall Administration (FortiGate, Check Point)
- Network Security (VPN, VLANs, Segmentation)
- Vulnerability Assessment & Penetration Testing
- Incident Response & Post-Breach Recovery
- Security Monitoring & SIEM (Zabbix, Grafana)
- IDS/IPS (Suricata)
- ISO 27001 Controls & Compliance
- OWASP Top 10 Security
- Linux/Windows Server Hardening
- Python & Bash Scripting

Certifications

Crowdstrike CCFR	(Ongoing)
Jr Penetration Tester	2025
Google Cybersecurity	2025
Fortinet EDR	2024
Fortinet FCA	2023
CCNA (Int., SRWE, Ent.)	2023

Languages

English	C2
French	B2
Portuguese	C2

Research & Development

Hackathon Lausanne	09.2025
Hackathon Bern	09.2025

Work Experience

Security Engineer | Securnet (10.2023 – Present)

- Developed Python-based VM disaster recovery solution (zero downtime).
- Restructured client network post-breach.
- Implemented IDS/IPS (Suricata) for network threat detection and prevention.
- Configured FortiGate & Check Point firewalls (VPN, NAT, filtering).
- Mentored 7 Bachelor thesis projects in cybersecurity.

Security Consultant | JLP (12.2024 – 07.2025)

- Achieved A++ security grade (from F) via comprehensive audit.
- Implemented TLS 1.3, security headers, and OWASP Top 10 controls.
- Conducted penetration testing across multiple attack vectors.
- Configured advanced access controls and IP restrictions.

Intern | Securnet (06.2023 – 09.2023)

- Configured firewalls, VLANs, and secure network segmentation.
- Deployed and hardened servers (web, SFTP, email).
- Integrated Zabbix, Grafana and GLPi for monitoring.
- Applied ML clustering to reduce false positives.

Education

Postgraduate Diploma in Cybersecurity (CAS equivalent) (2024)

European University
Note: 19/20 | 18 ECTS

Bachelor of Computer Engineering (2023)

Polytechnic of Guarda
- Thesis : Intelligent Network Monitoring System

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