



Fabrizio Di Cesare

Security Engineer

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1 Professional Summary

Security Engineer with a strong background in datacenter and cloud infrastructures. Experienced in Zero Trust (ZTNA), Web Application Firewalls, Anti-DDoS, and vulnerability management. Proven track record in SOC expansion, ISO 27001 audits, and automation with Python/Bash for security operations. Skilled in incident response, phishing analysis/triage, and enforcement of security policies across enterprise environments. Passionate about blending technical depth with practical solutions to improve security posture and business continuity.

2 Experience

Security Engineer

SeSa S.p.A. | Remote, Italy

Jun 2024 – Present

- Manage security for all companies within SeSa Group, focusing on Zero Trust (ZTNA), WAF/Anti-DDoS, and CASB/SASE solutions.
- Conduct vulnerability assessments and penetration testing of critical web applications.
- Lead phishing campaign simulations and awareness initiatives; perform incident triage and first response.
- Define and deploy continuous vulnerability assessment systems and strengthen security policy enforcement.

IT Security Manager

Vargroup S.p.A. | Bologna, Italy

Aug 2023 – Jun 2024

- Oversaw datacenter security operations, managing EDR and SIEM systems and enforcing access controls.
- Expanded the SOC with continuous monitoring solutions for proactive threat detection.
- Directed WAF and Anti-DDoS solutions across enterprise web services.
- Evaluated and introduced new security products, leading PoCs and vendor negotiations.
- Participated in internal and external ISO 27001 audits ensuring compliance with standards.

Security Cloud Engineer

Vargroup S.p.A. | Bologna, Italy

May 2022 – Aug 2023

- Hardened and secured enterprise datacenter infrastructures (network segmentation, asset/patch management, monitoring, incident response).
- Performed end-to-end Vulnerability Assessment and supported remediation across on-prem workloads and critical services.
- Built automation for asset discovery and configuration/patch management to enable reactive identification and prioritization of vulnerable assets (Python/Bash, Ansible/Terraform).
- Analyzed and secured AWS cloud environments (identity, networking, logging, baseline hardening).

3 Education

M.Sc. in Computer Engineering (110/110 cum Laude)

2019 – 2022

University of Bologna | Bologna, Italy

- Thesis: *Ransomon and Hades: Analysis and Visualization of Ransomware Attacks in Real Time*
- Focus: Data Analysis, Threat Intelligence, visualization of ransomware attacks in real time (Unreal Engine, WebAssembly).

B.Sc. in Computer Engineering (87/110)

2013 – 2018

University of Bologna & CINECA | Bologna, Italy

- Thesis: *Unreal Engine and Oculus Rift for the Virtual Heritage*.
- Publication: Evaluating an immersive interactive VR experience: MUVI — Virtual Museum of Daily Life. Available on ResearchGate ([link](#)).

4 Certifications

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- AWS Certified Security – Specialty (SCS-C01) ([Credly link](#))
ID: 7a77ff35-d0a5-40d8-90ea-f72889e51dc2
Validity: March 24, 2023 – March 24, 2026

5 Skills

Advanced

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|----------------|---|
| Cloud / ID | AWS; Microsoft Entra ID; VMWare vCenter/vCloud Director |
| Security Tools | Cloudflare (WAF, Anti-DDoS, ZTNA); Cynet; Qualys; BitDefender |
| Languages | Python; Bash; Java; .NET; PowerShell |
| Infra / DevOps | Linux; Windows Server; AD/Domain Controller; Docker; Terraform; Ansible |
| CG / Engines | Unreal Engine; Blender; Unity |

Basic

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|----------------|------------|
| Languages | C; C++ |
| Infra / DevOps | Kubernetes |

6 Academic Activities

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- Tutor, Master in Cybersecurity — University Bologna (2021–2022)
 - Game Development Instructor — Cineca Academy (2018–2019)

7 Soft Skills

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- **Teaching & Public Speaking:** Experience as lecturer and tutor in cybersecurity and game development programs, with strong ability to explain complex topics clearly and engage with an audience.
 - **Teamwork:** Active participation in Capture The Flag (CTF) and Attack/Defense competitions, developing strong collaboration and problem-solving skills within diverse teams.
 - **Task & Infrastructure Management:** Proven capacity to manage security infrastructures, evaluate and deploy products, and coordinate tasks effectively in professional settings.

8 Languages

Italian (native), English (Advanced)

9 Interests

Board games, nerd stuff, cooking, traveling