Gabriel dos Santos Silva

Cybersecurity Analyst | SOC Aspirant | Vulnerability Management

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Cybersecurity student with hands-on security monitoring and vulnerability management experience. Created File Integrity Monitor in Python and performed Nessus vulnerability assessments. Seeking Junior SOC Analyst role to apply technical security operations skills. Proficient in Python, PowerShell, and Windows Server.

Education

Universidade Paulista (UNIP), Santos - SP   Jan 2024 - Jan 2026

Analysis and Systems Development

Projects

File Integrity Monitoring System (FIM)   Oct 2025 - Oct 2025

Developed Python-based File Integrity Monitor using SHA-512 hashing for file baseline creation
Implemented continuous file comparison for unauthorized change detection
Configured automated alert system for security compromise notifications
Created proof-of-concept tool demonstrating proactive threat detection capabilities

Vulnerability Management Analyst   Aug 2025 - Aug 2025

Conducted authenticated vulnerability scans with Nessus Essentials on Windows hosts
Executed complete vulnerability management lifecycle: discovery to verification
Performed vulnerability assessments and implemented remediation procedures
Developed automated patching process for Windows and third-party software updates

System Administrator   Sep 2025 - Sep 2025

Managed Active Directory using PowerShell for automated user account provisioning
Configured Remote Access Server (RAS) supporting NAT/PAT network connectivity
Implemented and maintained Windows DNS and DHCP services
Set up Windows File Servers with NTFS permissions and disk quotas

SIEM Implementation   Nov 2025 - Present

Configured SIEM concepts in lab environment for security event analysis
Practiced log collection, correlation, and security event monitoring
Implemented security monitoring workflows for incident detection processes

Languages

Portuguese (Native - C2), **English** (Advanced - C1), **Spanish** (Basic - A1)

Core Skills

Security Tool: Nessus Essentials, File Integrity Monitoring (FIM), SIEM Concepts, Vulnerability Management

Systems & Networks: Active Directory, Windows Server, DNS, DHCP, RAS/NAT, TCP/IP, NTFS Permissions

Programming/Scripting: Python (Intermediate), PowerShell, Java (Basic), C# (Basic), Bash

Operating Systems: Windows 10/11, Windows Server, Linux (Fundamentals)

Security Practices:
Vulnerability Assessment, Patch Management, Security Monitoring, Incident Response Basics

Methodologies: ITIL Fundamentals, Vulnerability Lifecycle, Security Operations

Certificates

Introduction to Cybersecurity   Sep 2025
Cisco

Python programming from basic to advanced   Nov 2025
Udemy

Network Architecture   Dec 2025
Udemy

Interests

Cybersecurity Operations, SOC Analysis, Vulnerability Management, Security Monitoring, Threat Detection, Security Automation, Incident Response