CARLOS ASSIS BRITO DE OLIVEIRA FILHO

Senior IT Infrastructure & Security Analyst | Fortinet Certified Associate · Cisco NetAcad

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PROFESSIONAL SUMMARY

IT professional since 1995, with over 23 years of formal experience in the public sector in critical infrastructure, network security, and technical team leadership. At SME Fortaleza, I manage an environment of approximately 200 VMs and lead analysts supporting systems for over 266,000 active accounts, managing over 57 TB of corporate data. I deployed F5 BIG-IP with ASM/WAF in production (48 applications), Check Point SASE (Zero Trust), Wazuh SIEM/XDR, and conducted a SentinelOne EDR PoC — invited by SentinelOne — validated on a legacy hardware fleet. Certified by Fortinet (FCA, FCF, NSE 1–3), Cisco Networking Academy (Cybersecurity Defense Analyst and Junior Cybersecurity Analyst Career Paths), and TP-Link (OCNA Wireless). Postgraduate degrees in IT Governance and AI applied to Public Sector Management. Attended RSA Conference 2026 in San Francisco as a guest of SentinelOne.

CERTIFICATIONS & VERIFIED CREDENTIALS

Full portfolio of verified digital credentials: credly.com/users/cassisfilho

Fortinet Certified Associate (FCA) – Cybersecurity	Fortinet / Credly	*Valid through May/2028*
Fortinet Certified Fundamentals (FCF) – Cybersecurity	Fortinet / Credly	*Valid through May/2028*
FortiGate 7.6 Operator & NSE 1, 2 & 3 – Cybersecurity	Fortinet / Credly	*May/2026*
Cybersecurity Defense Analyst Career Path	Cisco NetAcad / Credly	*Jul/2026*
Junior Cybersecurity Analyst Career Path	Cisco NetAcad / Credly	*Jul/2026*
Cyber Threat Management	Cisco NetAcad / Credly	*Jul/2026*
Network Defense	Cisco NetAcad / Credly	*Jul/2026*
Endpoint Security	Cisco NetAcad / Credly	*Jul/2026*
Networking Devices and Initial Configuration	Cisco NetAcad / Credly	*Jul/2026*
Networking Basics	Cisco NetAcad / Credly	*Jul/2026*
Introduction to Cybersecurity	Cisco NetAcad / Credly	*Jul/2026*
AI Fundamentals: Foundations for Understanding AI	Cisco NetAcad / Credly	*Jul/2026*
AI Fundamentals: Foundations for Understanding AI	IBM SkillsBuild / Credly	*Jul/2026*
OCNA Wireless – Omada Certified Network Administrator	TP-Link	*Valid through May/2029*

TECHNICAL SKILLS

Security & Perimeter	CheckPoint SASE, Fortigate, SentinelOne (EDR/XDR), F5 BIG-IP/ASM (WAF), SonicWall, PfSense, hardening, LGPD
SIEM & SecOps	Wazuh (production — Windows & Linux agents), log analysis, event correlation, incident response, Splunk concepts (Cisco NetAcad)
Infrastructure	VMware (~200 VMs), Windows Server, Active Directory/GPO, Linux (RHEL, Ubuntu), patch management
Load Balancing & WAF	F5 BIG-IP — VIPs, pools, iRules, profiles, SNI, ASM with supervised learning and geopolicy
Monitoring	Zabbix 7.0 LTS, Nagios, Grafana — AI chatbot and real-time dashboards
Networking & Services	DNS, DHCP, VPN, VoIP/SIP, wireless (Cisco/TP-Link Omada), endpoint management
Cloud & Identity	Google Workspace (266k+ accounts via automation), Active Directory, MDM
Containers & Web	Docker (production and staging), Apache, Nginx, Tomcat
AI & Automation	Internal tooling: Zabbix AI chatbot, AD query interface, dashboards, Python/Shell scripts
Frameworks	ITIL, COBIT, IT Governance, SLA management, business continuity

PROFESSIONAL EXPERIENCE

Senior IT Infrastructure & Security Analyst

SME – Municipal Department of Education of Fortaleza | *Apr 2013 – Present (13 years)* | *Fortaleza, CE, Brazil*

- Manage critical IT infrastructure with approximately 200 VMs (VMware) supporting educational systems for over 266,000 active accounts — students, teachers, and administrative staff — managing over 57 TB of corporate data.
- Lead N2/N3 analysts team in the daily operation of networks, servers, and security, ensuring high availability and SLA compliance.
- Deployed F5 BIG-IP from scratch, migrating 48 applications from Nginx reverse proxy to enterprise solution — configuring VIPs, pools, profiles, iRules, and SNI. Deployed the ASM module (WAF) with supervised learning: manual signature validation, technology detection, and geopolicy, with several applications in active blocking mode.
- Deployed Check Point SASE in production with Zero Trust architecture, performing advanced troubleshooting of the Auth0 connector on a critical server to ensure service continuity.
- Deployed Wazuh SIEM/XDR in production at SME, with agents installed on Windows and Linux production servers, centralizing security event collection and correlation.
- Led a 3-month SentinelOne EDR PoC (2026) as technical lead, invited by SentinelOne: agent deployment, configuration, threat mitigation, and remote uninstall — validated on legacy hardware fleet (5400rpm HDDs) with excellent resource efficiency.
- Automated provisioning and lifecycle management of over 266,000 Google Workspace accounts via custom scripts, eliminating manual processes and reducing provisioning errors to zero.
- Developed internal AI-powered tools: Zabbix-integrated monitoring chatbot for real-time diagnostics and Active Directory query interface.
- Administer core network services (DNS, DHCP, VPN, VoIP/SIP), Docker environments, and ensure LGPD compliance.
- Deploy and maintain security perimeters with Fortigate and CheckPoint, including hardening of Windows Server and Linux environments.

IT Support and Infrastructure Analyst

SEDUC – State Department of Education of Ceará | *Nov 2007 – Mar 2013 (5 years 5 months)* | *Fortaleza, CE, Brazil*

- Provided N2/N3 on-site and remote support for over 700 state schools, covering networks, servers, and applications.
- Led the migration of corporate Wi-Fi to Cisco infrastructure, standardizing wireless connectivity across the entire state network.
- Deployed Kaspersky Endpoint Security across the state network, centralizing antivirus management and eliminating recurring infections.
- Deployed Print Server and enhanced monitoring with Nagios, increasing incident visibility and enabling proactive failure detection.
- Coordinated hardware refresh across dozens of school units.

Hardware and Software Support Technician

SEDUC – State Department of Education of Ceará | *Jun 2002 – Oct 2007 (5 years 5 months)* | *Fortaleza, CE, Brazil*

- On-site and remote technical support for hardware, operating systems, and data security at state school units.
- Participated in technology upgrade projects, system migrations, and deployment of new resources in schools.

EDUCATION

Postgraduate (Lato Sensu) – AI & Technology in Public Sector Management

Gran Faculdade | *Oct 2025 – Apr 2026* | *360h*

BI, AI, and data-driven decision-making in government operations.

Postgraduate (Lato Sensu) – IT Governance

Gran Faculdade | *Oct 2025 – Mar 2026* | *360h*

ITIL/COBIT, business continuity, risk management, and compliance.

Bachelor of Technology – Computer Networks

FIC – Faculdades Integradas do Ceará (Estácio) | *Graduated Dec 2009* | *Fortaleza, CE, Brazil*

PROJECTS & HIGHLIGHTS

- F5 BIG-IP / ASM: Full deployment of 48 applications with WAF in production, iRules, SNI, and geopolicy.
- Wazuh SIEM/XDR: Production deployment at SME with agents on Windows and Linux servers, centralizing security event collection and correlation.
- Check Point SASE: Full Zero Trust production deployment with resolution of critical Auth0 connector incident.
- SentinelOne EDR: 3-month PoC invited by SentinelOne, validating adoption on legacy hardware fleet.
- RSA Conference 2026 (San Francisco, CA): Attended as a guest of SentinelOne, focusing on AI-driven threat detection and Zero Trust.
- Google Workspace Automation: Provisioned 266,000+ institutional accounts and managed 57 TB of corporate data via custom scripts.
- Zabbix AI Chatbot: Real-time asset query and alert tool reducing mean time to diagnosis for the support team.