Bryan Lozano Aguilar

Cybersecurity specialist

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Professional summary

Over six years in IT support and systems administration, now a cybersecurity specialist at an industrial company: endpoint and information protection, risk assessment, incident response and support for compliance audits. I build my own tools in Go and TypeScript, including a hardening audit with 147 checks mapped to Spain's ENS framework. INCIBE cyber-volunteer.

Work experience

Fonestar Sistemas
Cantabria (hybrid)
Cybersecurity specialist
October 2026 - present

- Governance and compliance: internal policies, risk analysis and audit preparation.
- Protection of endpoints, identities and cloud, vulnerability management and incident response.
- Staff awareness and training, and development of internal security tools.

Fonestar Sistemas
Cantabria (hybrid)
Cybersecurity technician (internship)
March 2026 - September 2026

- Cantabria Tech Talent placement: validated protection configurations (anti-malware, proxy, DLP), ran risk analysis, monitored security events and supported governance, audits and vulnerability management.

1mpulso
Cantabria (remote)
Founder and developer (own project)
January 2026 - present

- My own subscription web development studio, with two clients in production and full responsibility for design, development, infrastructure and maintenance.
- Static sites with security headers, a restrictive content policy and no third-party trackers, deployed on a CDN with immediate rollback.

Servicios propios
Cantabria (on-site)
IT support technician (freelance)
October 2021 - present

- Full technology refresh for a small company: consulting, quoting and deploying machines with their operating system and software.
- First and second line support for individuals and businesses, including malware diagnosis and cleanup and configuration of protection tools.
- Windows 10 and 11 installation and tuning, memory upgrades and mechanical-to-solid-state disk migrations.

NetPoint Solutions
Madrid (on-site)
Computer support technician
April 2017 - November 2019

- Diagnosed and repaired hardware and software faults on desktops and laptops, including operating system installation and user data migration.
- Front-desk service and warranty management, with technical and commercial advice on buying machines and components.
- Resolved desktop computing incidents and provided home network support.

Projects

Argos
5,093 commits between April and October 2026

- Designed and built a modular self-hosted cybersecurity platform covering inventory, vulnerability management and Spanish ENS compliance.

Talos `<10 s per server · 147 checks`
github.com/Shotafry/Talos

- Hardening audit tool in Go with 147 data-defined checks mapped to Spanish ENS controls, in a dependency-free binary for Linux and Windows.
- Custom catalogue of critical vulnerabilities by version, verified by hand against the Debian and Ubuntu security trackers and tested across several distributions to eliminate false positives.
- Self-contained HTML report with filters, light and dark themes and printable output, generated with no external dependencies.

CybESphere

- Found and fixed five vulnerabilities, two critical, before production release, through threat modelling and static, dependency and dynamic analysis.
- Two reusable continuous integration pipelines for the project's code and dependency analysis.

Education

Master's in Cybersecurity `May 2024 - September 2026`
Endorsed by UCAM, Universidad Católica San Antonio de Murcia

Offensive security: penetration testing methodology, web and systems hacking. Defensive security: monitoring, incident response and forensics. Governance, risk and compliance: Spain's ENS framework, ISO 27001 and risk management. Infrastructure, network protocols and shell scripting automation.

Higher diploma in Network Systems Administration `September 2024 - June 2026`
ThePower Education

Administration and hardening of client and server operating systems, Windows and Linux. Network and internet services: name resolution, address assignment, web and mail servers. Local network design and administration, with segmentation and routing. Database management system administration and SQL querying. Virtualisation, backups and high availability.

Cybersecurity specialisation · Cantabria Tech Talent `March 2026 - September 2026`
UNIR, Universidad Internacional de La Rioja

Cybersecurity specialisation with a placement on a real security team.

Certifications

eJPTv2 `August 2025`
INE Security

certs.ine.com/06f09856-b4dc-4ec7-abcb-6f1057bb1654

Skills

Identify: Asset inventory and CMDB, OSINT, ProjectDiscovery, Nuclei, ffuf, Nmap, Wireshark, Burp Suite, OWASP ZAP, Metasploit, Hydra, CrackMapExec, Nessus, OpenVAS, Trivy, Semgrep, Gitleaks, SonarQube, IriusRisk

Protect: Linux and Windows hardening, Zitadel and Microsoft Entra, Terraform on Hetzner, Plesk, ModSecurity, firewalls and network segmentation, VPN, security controls in continuous integration

Detect: Wazuh (SIEM), Windows and Linux log analysis, alert triage, indicators of compromise, GoPhish

Respond: Incident response, forensics with chain of custody, Autopsy, incident and expert reports

Systems and networking: Linux (Debian, Ubuntu, Kali), Windows client and server, Proxmox, VMware, Docker, TrueNAS, TCP/IP, DNS, SSH, Nginx, Cloudflare, Hetzner

Languages

Spanish, native. English, B1.