FERMÍN ANTONIO ESPINOZA GARCÍA

San José, Costa Rica • +506 8708 8364 • fezgar12@gmail.com • linkedin.com/in/fermin-espinoza/

PROFILE

Systems Engineering & Cybersecurity student with 2+ years of hands-on networking troubleshooting and practical experience supporting connected systems (frontends, backends, APIs, and automation platforms). Strong at structured first-level troubleshooting, clear documentation, and professional customer-focused communication. Fluent in English (C1) and Spanish (native).

TECHNICAL SKILLS

IT Support & Troubleshooting: (cabling, speed/duplex, IP/DNS/DHCP), connectivity validation, incident documentation, escalation readiness.
Networking: TCP/IP, IPv4 subnetting, routing & switching fundamentals, STP, DHCP, DNS (client-side), NAT/PAT, WLAN fundamentals, ACL concepts.
Automation / Systems: API integrations, authentication concepts, Supabase, n8n, basic Python scripting for automation.
Languages: English (C1), Spanish (Native)

EXPERIENCE

AI Automation Developer (Freelance) 2025 – Present
- Designed and deployed automation solutions integrating Supabase, n8n, and OpenAI APIs to connect systems reliably.
- Troubleshot authentication, API access, permissions, and integration failures; delivered root-cause fixes and preventative improvements.
- Created operational workflows for lead intake, onboarding, and email processing; improved reliability and reduced manual work.
- Documented workflows, changes, and expected behavior to enable support, maintenance, and faster handoffs.

Networking Labs, Cisco Networking Academy / Personal Labs Virtual & Physical — Costa Rica 2022 – 2025
- Set up and supported LAN & Wi-Fi lab environments (SSID/security, DHCP/static IPs); applied STP to prevent loops.
- Performed structured L1/L2/L3 troubleshooting (cabling, duplex/speed, IP/DNS/DHCP) and documented steps/results for repeatability.
- Configured and validated ACLs, NAT/PAT, and DHCP; verified least-privilege access and connectivity outcomes.

EDUCATION

B.Sc. Systems Engineering (In progress), Universidad Fidélitas Costa Rica
High School Diploma -- 2024

CERTIFICATIONS & COURSES
- Cisco CCNA 1 (2024) — Network architectures, IP addressing, Ethernet fundamentals
- Cisco CCNA 2 (2024) — Switching, routing, and wireless fundamentals
- Cisco CCNA 3 (2025) — Enterprise networking, security, and automation
- Cisco Networking Essentials (2023)
- Python Programming (2025) — Scripting, data structures, automation fundamentals
- Introduction to IoT (Cisco NetAcad) (2025)