

HUGO VÉLEZ GUTIÉRREZ

Junior Network Engineer | Network Automation & IA |
SysAdmin & NetDevOps

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PERFIL PROFESIONAL

Junior Network Engineer (NetDevOps) focused on infrastructure automation and security.

I combine solid network protocols (TCP/IP, Routing) with modern tools like Docker and Linux. I integrate Artificial Intelligence into my workflow to speed up scripting and optimize incident resolution

My goal is to bring efficiency to Network Engineering, NOC, or Cybersecurity teams.

TECHNICAL SKILLS Skills possessed or currently being learned

- **Networks & Infrastructure:** Docker, Docker Compose, Nginx (Proxy Inverso), Gestión de VLANs, VPNs, SSH, DNS, Linux Server Administration (Ubuntu/Debian)
- **Development & Backend:** Java / Python / Node.js, Microservicios, REST APIs, Autenticación (OIDC/OAuth2).
- **Tools & AI:** Git/GitHub, VS Code, Prompt Engineering (Advanced use of LLMs for refactoring and automation), Scripting.
- **Languages:** Spanish (Native), English (**B2 Level - Cambridge English Certified**)

PROYECTOS DESTACADOS (Hands-on Experience)

Vesotel Home Lab | Infraestructura de Red & Self-Hosting

- **Role:** Network Architect & SysAdmin
- Design and deployment of a segmented home network infrastructure to isolate critical services and ensure internal security
- Implementation of perimeter security using Nginx Proxy Manager with automated SSL/TLS certificate management
- Docker container orchestration for monitoring, storage, and media services, ensuring high availability

Ski Vesotel | WorkShifts Management SaaS Platform

- **Role:** Full Stack Developer
- Development of a comprehensive management system based on a microservices architecture for modular scalability
- Automation of billing processes, reducing manual administrative workload and improving user experience

PROFESSIONAL EXPERIENCE (Transferable Skills)

Support and Diagnosis Technician (Assistant) | Ramilux | July – August (2022 & 2023)

- Diagnosis and repair of hardware and appliance faults, managing spare parts inventory
- Direct customer service, developing technical communication skills and conflict resolution under pressure

Ski Instructor & Group Management | QUERKUS | Winter Season 2024/2025

- Group leadership in high-mountain environments, prioritizing real-time safety and risk management
- Ability to communicate complex instructions clearly to users of different levels, adapting technical language

Summer Camp Coordinator | QUERKUS | June – July (2024 & 2025)

- Logistical coordination of activities and promotion of collaborative work in multidisciplinary teams to meet common objectives

ACADEMIC BACKGROUND

Degree in Computer Engineering University of Granada (UGR) | Sept 2021 – July 2026 (*Expected*)

Networking Basics | Cisco Networking Academy | 2026

- Certification in network fundamentals, IPv4/IPv6 addressing, routing, and troubleshooting.
- Active preparation for the official **Cisco CCNA** certification.

Networking Devices and Initial Configuration | Cisco Networking Academy | 2026

- Configuration of Cisco devices, IPv4 subnetting, network services (DHCP, DNS), Ethernet switching, and hierarchical network design.
- Hands-on experience with Packet Tracer.