

Fran Olivares

Systems & Network Administrator · SysAdmin

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PROFILE

Systems and network administrator with over five years in enterprise **Linux and Windows** environments (Novell/OpenText, VMware/ESXi, Active Directory). I use **AI —with Claude Code—** as a tool to build software, automation and content. Self-taught, with a certified foundation in security and infrastructure and hands-on industrial maintenance experience.

EXPERIENCE

- 2026 — present

Independent · building with AI

Olivares.AI · Toledo / remote

I design and operate products and automation with AI (Claude Code): the usulnet Docker management platform, the Alma memory system for AI, and a science channel with its own video pipeline.
- 2025 — Feb 2026

Industrial & IT maintenance

Avícola Olivares · family business · Toledo

Machinery maintenance and full technical support for the operation: Sime-Tek Sirio 45 egg packer, Zucami belts and chains, basic vehicle mechanics. IT/OT: Linux and Windows, Docker, networks, surveillance, backups, Starlink, electrics, PLCs and temperature alarms.
- 2023 — 2025

Linux Systems Administrator

New Media Professional Services · Toledo

Novell/OpenText enterprise infrastructure on VMware/ESXi: OES, SLES, eDirectory (LDAP), IDM and Remote Loader, Access Manager, Filr, 2FA. Deployment with ZENworks, GPOs and ENS; Azure sync; DNS/DHCP; scripting (shell, PowerShell, USMT). Production server upgrades. N1/N2 support.
- 2022 — 2023

IT Technician

Unitel · Telecom Systems

N1/N2 support. Aruba and Cisco network gear, 4G routers. Microsoft 365, Citrix and VMware virtualization. Workstation imaging and incident resolution.
- 2019 — 2022

Industrial & IT maintenance

Avícola Olivares · family business

Machinery maintenance and full technical support for the operation. IT: Linux servers (Samba, vsftpd, netdata), Windows Server 2012, backups (LVM, Duplicity, Clonezilla), databases, TCP/IP networks, IP cameras, PLCs and Raspberry Pi.
- summers 2017–2018

Industrial & IT maintenance

Avícola Olivares · family business

First contact with the family business: machinery maintenance and full technical support, together with systems and network administration.
- Apr — Jun 2018

Internship · Systems Technician

Fedeto · Training

Windows Server and Active Directory, unattended software install, N1/N2 support, WordPress, backups, assembly and repair of equipment.

SKILLS

Infrastructure & systems

Linux (Arch · Debian · SLES · OES), Windows Server · AD, VMware · ESXi, Docker, eDirectory · LDAP · IDM, Nginx · reverse proxy, backups (LVM · Duplicity · Clonezilla), DNS · DHCP · TCP/IP, WireGuard · VPN

Building with AI	Claude Code , Go, TypeScript, Cloudflare Workers · D1 · R2, Bash · PowerShell · Python, Remotion, ElevenLabs · Whisper, Git
Security	Linux hardening, forensics (Linux Forensics), pentest (EHE), network defense (NDE), Snort · Wireshark · Nessus, Metasploit, Trivy, ISO 27001
Hardware & industrial	Machinery (Sime-Tek Sirio 45, Zucami belts/chains), PLCs, electrics, CCTV · IP cameras, Starlink, sensors, basic mechanics, Raspberry Pi

EDUCATION & CERTIFICATIONS

Enterprise & infra	UDS Enterprise Certified Professional (Virtual Cable, 2024) · Open Enterprise Server Technical Knowledge Check · NetIQ Certified Partner Sales Specialist · UEM Certified Presales Engineer / MFCPE (Micro Focus, 2023)
Security · EC-Council 2023	Ethical Hacking Essentials (EHE), Digital Forensics Essentials (DFE), Network Defense Essentials (NDE), Practical Linux for Security Professionals, Linux Forensics, Hands-on Binary Analysis I & II, IT Security with Red Hat Made Easy, Linux Hardening Deconstructed, Installing and Mitigating Linux Rootkits
Systems & dev	Google IT Support Certificate, Crash Course on Python (Google), AWS S3 Basics (Coursera, 2022)
Formal	Professional Certificate in IT Security (Fedeto, 2022 · 420 h + 120 h placement) · Vocational Diploma in Microcomputer Systems & Networks (IES Valdehierro, 2018)

PROJECTS

usulnet usulnet.com

Self-hosted Docker infrastructure platform in a single Go binary (AGPL-3.0): containers, security, networking, VPN, monitoring, backups and multi-node orchestration.

Alma olivares.ai

Persistent memory platform for AI systems on Cloudflare Workers (edge), built with Claude Code.

youtube-studio [@franolivares-arch](https://franolivares-arch.com)

Science channel with a custom pipeline: script, voice (ElevenLabs), captions (Whisper), media (NASA/Wikimedia) and render (Remotion).