

Daniel Rodriguez

Sr. System Engineer

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PROFESSIONAL EXPERIENCE

Summa Networks SL, Spain — Sr. SysAdmin / IT Manager

Sep 2021 - PRESENT

Led the company's IT department, managing a team of 3 professionals
Provided technical support to international customers, resolving complex issues in high-availability environments
Developed and maintained installation and update scripts for Linux, Docker, and Kubernetes environments
Configured and optimized MySQL database clusters (Percona) for improved performance
Conducted client meetings in English, bridging technical and business requirements
Reduced cloud infrastructure costs by 266% through migration from AWS to OVH servers
Managed multi-distribution Linux environments including Ubuntu, RedHat EL 8/9, CentOS 7, AWS Linux, and Rocky Linux 8/9

FAPyD - UNR, Argentina — Sr. SysAdmin

Oct 2005 - Sep 2019

Administered Linux data center based on Gentoo Linux, gaining deep knowledge of system internals
Designed and maintained network infrastructure for 200+ workstations
Implemented and managed Active Directory environment based on SAMBA for 200+ users
Designed and deployed backup solutions using Rsync and database dumps
Managed virtualized environments using XEN, CEPH, and Corosync for high availability
Implemented and maintained a DMZ with web servers, email, FTP, and e-learning platforms
Designed and managed a WiFi network with 20 Unify antennas and manageable POE switches

Eon Technologies, Argentina — Owner, IT Solutions

Jan 2010 - Sep 2019

Provided comprehensive IT solutions to small businesses
Designed and maintained networks, file servers, and domains
Implemented security measures and VPN solutions

PERSONAL STATEMENT

Passionate and dedicated IT professional with over 20 years of experience in Linux environments and system administration. Committed to leveraging cutting-edge technologies to drive efficiency and innovation in IT infrastructure. Seeking a challenging role where I can apply my expertise in system engineering, network design, and AI research to contribute to a forward-thinking IT enterprise.

PROFESSIONAL SUMMARY

Experienced System Administrator with a proven track record in managing complex IT infrastructures, providing international customer support, and implementing innovative solutions. Skilled in Linux server administration, virtualization technologies, and network security. Passionate about AI and continuously researching new technologies in home lab environments.

LANGUAGES

Spanish: Native
English: Fluent (B2)

KEY PROJECTS

High-Availability Cluster Migration: Designed and implemented a migration from AWS to a high-redundancy Proxmox cluster on OVH servers, reducing costs by 266% while maintaining service quality.

Custom Backup System: Developed a bespoke backup solution using Rsync, maintaining file history and automating MySQL and PostgreSQL database dumps.

Virtualized DMZ: Implemented a secure, virtualized DMZ in a XEN cluster, managing web servers, email, FTP, and e-learning platforms.

Network Redesign: Overhauled network infrastructure using manageable 3com switches and Unify WiFi antennas, improving connectivity and manageability for 200+ users.

TECHNICAL EXPERTISE

Operating Systems: Linux (Ubuntu, RedHat EL, CentOS, AWS Linux, Rocky Linux, Gentoo), Windows

Virtualization: Proxmox, XEN, VMware, CEPH, Corosync

Networking: LAN/WAN design, VPN (OpenVPN), Firewalls, WiFi infrastructure

Databases: MySQL (Percona), PostgreSQL

Version Control: SVN, GIT

CI/CD: Jenkins, ArgoCD

Scripting: Bash, Python

Monitoring: Various tools (please specify if needed)

EDUCATION

Universidad Politécnica Madrid, Spain — *Artificial Intelligence master degree*

Sep 2019 - Oct 2020

Universitat de Barcelona, Spain — *Enterprise Information security master degree*

Sep 2015 - Jul 2016

Universidad Abierta Interamericana, Argentina — *System engineer degree*

Mar 2011 - Feb 2015

CORE COMPETENCIES

IT Infrastructure Management

Linux Server Administration (20+ years experience)

Virtualization (XEN, Proxmox, VMware)

Network Design & Security

Docker & Kubernetes

Bash & Python Scripting

Problem-Solving & Troubleshooting

International Client Communication

PROFESSIONAL DEVELOPMENT

Continuous self-learning in AI and emerging technologies

Maintenance of a home lab environment for research and experimentation in AI and new technologies

Extensive experience with Gentoo Linux, compiling programs from source and debugging complex issues

References available upon request