

Xavier Ramon Vilamú

Systems Administrator and Software Engineer

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PROFESSIONAL SUMMARY

Systems Administrator and Software Engineer with extensive experience in data centre management, telecommunications and software development. Combines a higher education background in telecommunications engineering with up-to-date certifications in infrastructure (Linux, Windows Server, VMware, Azure, Cisco and Fortinet networking) and ICT security.

PROFESSIONAL EXPERIENCE

Software Engineer Powertek · Remote	2024 — Present
- Software development for hardware control and microchip programming - Development of a desktop application for hardware testing - Advanced customer support	
Systems Administrator Andornet, S.A. · Andorra la Vella	2019 — 2024
- Data centre administration and management 2nd and 3rd level IT and telecommunications support - Incident and project management	
Systems Engineer Ràdio i Televisió d'Andorra, S.A. · Andorra la Vella	2018 — 2019
- Corrective and evolutive 1st and 2nd level IT and telecommunications maintenance - Incident and project management; corrective maintenance of the audiovisual system	
Systems Engineer Eduzona, S.L. · Barcelona	2017
Design and development of the solution; Help Desk; project management	
Junior Project Manager Arca · Barcelona	2016 — 2017
- Analysis and validation of solutions for the client; defining the project scope - Planning, coordination and monitoring of implementation tasks; acceptance and go-live	
IT Engineer Viuing · Barcelona	2015
Design and build of a PlayOut system, a broadcast laboratory and the contingency system	
Customer Service Agent Ferrocarril Metropolità de Barcelona · Barcelona	Summers 2010-2015, 2017-2018
Driving and manoeuvring trains; customer service; support for automatic ticket sales	

ACADEMIC EDUCATION

Master's Degree in ICT Security — Universitat Oberta de Catalunya	2019 — 2023
Master's Degree in Telecommunications Engineering — UOC / Universitat Ramon Llull	2017 — 2020
Bachelor's Degree in Telematics Engineering — Universitat Pompeu Fabra	2012 — 2015

CERTIFICATIONS

Fortinet FortiOS 7.6 Administrator	Lifetime validity
Low, Very Low Voltage and Fibre Optic Electrical Installer Certification	Valid until 2027
LPIC-1 Linux Administrator	Valid until 2026
MCSA Windows Server 2016	Lifetime validity
VMware vSphere 6.7 Foundations	Lifetime validity
Cisco CCNA — Routing & Switching	Renewing
Microsoft Azure Administrator Associate	2023

ADDITIONAL TRAINING

Veeam Backup & Replication: Configure, Manage and Recover, VMCE v13 (22h) — Arrow Education Services	2026
Fortinet Fortigate Administrator (22h) — Arrow Education Services	2025
Very Low Voltage and Fibre Optic Electrical Installer Course (60h)	2024
Low Voltage Electrical Installer Course (94h)	2023
LPIC-OT: DevOps Tools Engineer (80h) — PUE, Barcelona	2022
VMware vSphere: Install, Configure, Manage v6.7 (80h) — PUE / IDFO	2021
LPIC-1: Linux Administrator, 101/102 (80h) — PUE, Barcelona	2021
LPIC-2: Linux Engineer, 201/202 (80h) — PUE, Barcelona	2021
AZ-104: Microsoft Azure Administrator (25h) — PUE, Barcelona	2020
MCSA 20742: Identity with Windows Server 2016 (80h) — PUE, Barcelona	2020
CISCO CCNP: Routing (80h) — PUE, Barcelona	2018
MCSA 20741: Networking with Windows Server 2016 (80h) — PUE, Barcelona	2018
MCSA 20740: Installation, Storage, and Compute with Windows Server 2016 (80h) — PUE, Barcelona	2018
CISCO CCNA (192h) — PUE / Barcelona Activa (MediaTIC)	2017
iOS Mobile App Development (50h) — NetMind, Barcelona	2014

TECHNOLOGIES

Linux (LPIC-1/2)

Windows Server / AD

Microsoft Azure

VMware vSphere

Veeam Backup & Replication

Fortinet FortiGate

Cisco (Routing & Switching)

Docker / Kubernetes

Git

Ansible

PowerShell / Bash

Data Centre Management