

DANIEL VALENCIA MARIN

System Administrator

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SUMMARY

Systems administrator at PAL Robotics, where I run the network, VPN mesh, identity stack and CI/CD behind a fleet of robots. Background in both classic sysadmin work — LAN/VLAN design, MikroTik, WireGuard, LDAP — and modern DevOps with Docker, Kubernetes and Jenkins.

I write internal tools in Rust and C++ when the off-the-shelf ones don't fit, and I've taught vocational IT modules in parallel for the Catalan public school system. Currently finishing a Computer Science degree at UOC.

EXPERIENCE

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| Systems Administrator, PAL Robotics | 11/2024 – Present
Barcelona |
| <ul style="list-style-type: none">• LAN/VLAN design and multi-vendor wireless (MikroTik, Ubiquiti, Cisco)• Site-to-site and remote-access VPNs (WireGuard, OpenVPN) across robotic fleets, offices and dev environments• Identity and access management with LDAP and Keycloak• Docker, Kubernetes and CI/CD pipelines with Jenkins• Custom internal tooling in Rust, C++ and Vue for asset control and incident response | |
| IT Instructor — Vocational Training (part-time, evenings), Generalitat de Catalunya | 11/2023 – 06/2025
Badalona |
| <ul style="list-style-type: none">• Taught Linux and Windows server services: IIS, Apache, nginx, scripting and basic system administration• Introductory programming in C and PHP• Networking fundamentals: network types, switches, routers and VLANs• Both CFGM and CFGS levels, around 20 students per class | |
| Software Engineer, Government of Catalonia | 03/2023 – 11/2023
Barcelona |
| <ul style="list-style-type: none">• Developed and maintained public-facing web applications and citizen portals• Worked with HTML, CSS, JavaScript, TypeScript and Angular• Testing, cross-browser debugging and code review | |
| Technical Support Engineer — Google Workspace, WebHelp | 10/2022 – 02/2023
Barcelona |
| <ul style="list-style-type: none">• Advanced technical support for Google Workspace and related business products• Escalation handling and cross-team coordination with Google engineering | |
| Full Stack Developer, DORTOKA | 09/2021 – 06/2022
Barcelona |
| <ul style="list-style-type: none">• Built and maintained client websites in PHP and JavaScript• First professional development role — full-cycle work from feature implementation to deployment | |
| IT Systems Technician, FTL | 06/2019 – 07/2019
Barcelona |
| <ul style="list-style-type: none">• User support, hardware diagnostics and network troubleshooting• Network cable repair and crimping of custom Ethernet runs | |

IT Systems Technician, IES La Pineda

06/2018 – 01/2019

- On-site IT support for ~500 students and staff
- Workstation imaging, printer and network triage, user account management
- Hardware diagnostics and network cable repair

Badalona

EDUCATION

Computer Science – Degree (in progress), Universitat Oberta de Catalunya (UOC)

09/2022 – Present

**Advanced Technician in Web Application Development (CFGS DAW),
IES La Pineda**

2021 – 2022
Badalona

**Senior Technician in Networked Computer Systems Administration (CFGS
ASIX), IES La Pineda**

2019 – 2021
Badalona

SKILLS

Systems

Linux, Windows, Bash, zsh

Identity

LDAP, Keycloak

Automation

CI/CD, Jenkins

Programming

Rust, C, C++, PHP, JavaScript / TypeScript, Vue,
Angular

Networking

LAN/VLAN design, MikroTik, Ubiquiti, Cisco,
WireGuard, OpenVPN, firewalls

Containers

Docker, Kubernetes

Web servers

nginx, Apache, IIS

Soft skills

Teaching, problem-solving, teamwork

LANGUAGES

Catalan

Native

Spanish

Native

English

Upper-intermediate (B2)

CERTIFICATES & COURSES

- **NTTDATA DevOps Bootcamp**
(2022)

- **Spring Boot & Spring MVC 5 –
Backend**
(2022)

- **Docker Course**
(2022)