Lua Marchante Tello

Site Reliability / Platform Engineer

València (Spain)
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Profile

Infrastructure engineer with production experience in Linux, Ansible, containers, and relational databases. Automated a low-hundreds delivery-locker fleet across three cities, operated DigitalOcean services, and built Odoo and ERP integrations. Currently maintaining independent infrastructure, embedded Rust, and AI-tooling projects. Seeking remote or València-hybrid SRE and platform work.

Skills

Linux	Debian, Ubuntu, Fedora, systemd, Unix-based
Programming	Python 3, Bash, Rust (embedded), SQL, JavaScript/TypeScript
Containers	Podman, Docker, Kubernetes (k3s/homelab)
Automation	Ansible, GitLab CI
Cloud	DigitalOcean, Hetzner, Google Compute Engine
Data	PostgreSQL, MySQL, custom SQL and migrations
Networking	TCP/IP, DNS, WireGuard, OpenWRT, nginx
Web/ERP	Odoo, Angular/TypeScript, Java, LAMP

Experience

Feb–Apr 2024	**Full Stack Developer**, *Kenso Solutions*, Remote, València
Operations	Operated three DigitalOcean production servers: a LAMP monolith, a metrics platform for water-safety customers, and two load-balanced delivery-locker services backed by a managed database.
Automation	Designed and ran an Ansible playbook and inventory for a low-hundreds delivery-locker fleet across València, Barcelona, and Madrid, including a fleet-wide polkit policy; presented it to another development team.
Releases	Supported staged releases on product-owner validation and production releases on project-manager validation, plus direct-to-production incident recovery.
2023–2024	**Full Stack Developer**, *Praxya Group*, Remote, Torrent and Riba-roja del Túria
Odoo	Developed custom Odoo modules: document archival with an API consumed by an Angular and TypeScript frontend, WebSocket ingestion into the Sales subsystem, and virgin-oil yield tracking.
Integration	Ported a PHP API to a Java and PostgreSQL ERP, including WebServices integration, ORM mapping, custom SQL, and VBA data tooling.
Troubleshooting	Resolved cross-stack issues across nginx, Git, and legacy deployment paths.
2019–2024	**Infrastructure and Deployment**, *Freelance*, Remote
On-call	Deployed and administered servers for small clients; provided year-round on-call cover with about ten hours of actual incident work per year.

2018–2019	**ERP Migration Assistant**, *SAMER Systems*, Valencia
Migration	Migrated a full ERP product line for 20–30 users to a Java and PostgreSQL system, including reference-data mapping via custom SQL and VBA tooling.
2016–2017	**System Administrator Intern**, *Fisabio*, Valencia
Systems	Linux server administration and user support at a health-research foundation.

Independent projects (2024–present)

Containers	Root-caused a rootless-container networking failure involving pasta, SELinux, and network namespaces; validated a fix and benchmarked boxr against Podman across pull, build, and run with reproducible five-run methodology.
Homelab	Operate a homelab with Home Assistant, MQTT, and Zigbee; UPS and power watchdog automation; network audits; and written incident postmortems.
Embedded	Authored a 40-example ESP32-C6 Rust workshop using esp-hal and contributed to Meshtastic firmware builds.
AI service	Built a containerized LLM session-summarisation service with a SQLite store and an evaluation harness.
In progress	Building a reproducible k3s lab with Prometheus/Grafana; evaluating Terraform for provisioning.

Community

WiFi-Maclet	Built a Guifi.net roof deployment with a Raspberry Pi VPN router, one Loco M5 uplink, and four Loco M2 access points, serving about 120 clients at a festival.
Hackerspace	Board member at Hackerspace Valencia; taught Git and Meshtastic workshops.
La Cova	Ran an OpenWRT network for tens of laptops at the DevScola site; provided sysadmin counselling.

Languages

Spanish	Native
Catalan	Native
English	Primary working language

Education

2013–2017	**CFGS: Administración de Sistemas Informáticos en Red**, València Superior Degree in Networked Systems Administration.
2010–2013	**CFGM: Sistemas Microinformáticos y Redes**, València Intermediate Degree in Microcomputer Systems and Networks.

Interests

Hardware	SMD rework, electronics repair, and repurposing hardware.
Radio	Amateur radio licensee.
Other	TTRPG, natural languages, and home improvement.