MARTIN NOEL

DevOps & Infrastructure Deployment Engineer

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PROFESSIONAL SUMMARY

Infrastructure and deployment engineer who came up through hands-on field operations and sales leadership. Since 2021 has independently designed, deployed and operated a multi-node Proxmox virtualization fleet as Linux administrator, a hardened Docker Compose virtual appliance with a reproducible release/image pipeline, secure Tailscale-based networking, and a tested, containerized automated trading platform with production-grade risk controls. Brings hands-on solar PV installation, commissioning and troubleshooting experience plus five years leading a 22-person regional sales team at SunPower ($11.5M in annual sales, 88% sold-to-installed pull-through), combining technical depth with clear communication, ownership of outcomes, and the ability to translate customer needs into working systems.

TECHNICAL SKILLS

Virtualization & Infrastructure: Hypervisors (Proxmox VE, x86 & arm64), virtual machines, VM templates, PCIe GPU passthrough, ZFS (zpools, snapshot management), TrueNAS, OpenMediaVault, NFS shared storage

Operating Systems: Linux administration (Ubuntu, Arch, Debian): package management, systemd, users/groups, SSH key auth, sudo/least-privilege hardening, disk & mount management

Containers & Orchestration: Kubernetes (K8s), K3s, containerization, container orchestration, Docker, Docker Compose, segmented container networks, Portainer, Kasm Workspaces

Networking & Edge: VPN / mesh networking (Tailscale, WireGuard), ACLs, firewalls, DNS, TLS, Nginx / Nginx Proxy Manager, Caddy (automatic TLS), reverse proxying

Data Services: PostgreSQL, Redis, MinIO (S3-compatible object storage)

DevOps & Release: Git, self-hosted Gitea, PR-based review workflow, CI/release images with SHA256 checksums, zero-downtime redeploys & rollback

Security: Secrets management (Infisical, machine identities), per-service virtual API keys, host hardening

Observability: Monitoring, health/doctor checks, Homepage service dashboards, log-only shadow deployments

Languages & Testing: Python, Bash, pytest

AI / LLM Ops: LiteLLM model gateway, OpenRouter, LLM routing, AI agent orchestration (Hermes agents)

PROFESSIONAL EXPERIENCE

Hardware Infrastructure Deployment & Software Development Architect | Independent Contractor

2021 – Present | Remote

- Design and operate a multi-node Proxmox VE infrastructure fleet spanning x86 hosts (including a dual-Xeon E5-2680 v2 host with 125 GB RAM and a Ryzen host) and arm64 Proxmox nodes, using VM templates and PCIe GPU passthrough.
- Administer Linux hosts end to end: Ubuntu and Arch servers, systemd services, package and user management, SSH hardening, disk layout and NFS mounts across the fleet.
- Deploy and manage ZFS storage (zpools with snapshot management) on TrueNAS and OpenMediaVault NAS hosts, served over NFS as shared storage for the virtualization fleet.
- Built a reproducible, hardened Ubuntu virtual appliance (VM template) that deploys a full Docker Compose stack: Nostr/Buzz relay backed by PostgreSQL, Redis and MinIO; Caddy TLS edge; LiteLLM model gateway with per-agent virtual keys; Gitea; Infisical secrets manager; and Kasm Workspaces on segmented Docker networks.
- Developed first-boot setup tooling, “doctor” health checks, and a release/image pipeline that publishes appliance images with SHA256 checksums for verifiable, repeatable deployments.
- Engineered secure remote access with a Tailscale tailnet (split DNS, tailscale serve/funnel) and Nginx Proxy Manager reverse proxying; enforced SSH key authentication and sudo/least-privilege hardening; manage secrets with Infisical machine identities.
- Architected and operate an automated trading platform (Python, Docker) for Kalshi prediction markets with risk controls including daily stop limits, kill switches/halts, and auto-rearm scheduling.

- Maintain a 300+ test pytest suite; validate changes through log-only shadow deployments; ship zero-downtime container redeploys with rollback images; built calibration and scoring tooling.
- Orchestrate AI agents (Hermes agents with LLM routing via LiteLLM/OpenRouter) as infrastructure operators, governed by a Git-based PR review workflow on self-hosted Gitea; manage services with Portainer and a Homepage service dashboard.

Regional Area Sales Manager | SunPower
2021 – 2026 | Southeast Region (FL, GA, SC, NC)

- Led, recruited, and coached a regional team of 22 residential solar sales consultants, conducting ride-alongs, pipeline reviews, and ongoing product and process training.
- Managed territory planning, lead distribution, and sales pipeline to drive $11.5M in annual regional sales.
- Partnered with installation, operations, and permitting teams to keep projects moving from signed contract through installation and system activation.
- Achieved 88% pull-through conversion (sold-to-installed) across all regional sales by tracking deals post-signature and resolving blockers with operations; reported forecasts and results to leadership.

Salesman (Residential Solar) | SunPower
2020 – 2021 | Columbus, OH

- Conducted consultative in-home and virtual consultations, assessing energy usage, roof/site suitability, and homeowner goals to design appropriate residential solar and storage solutions.
- Explained system design, financing, incentives, and monitoring to homeowners, guiding them from proposal through contract signing; generated ~$700K in annual sales.
- Leveraged field technician background to set accurate technical expectations and coordinate smooth handoffs to installation crews.

Operational Technician | SunPower
2019 – 2020 | Columbus, OH

- Installed, commissioned, and tested residential solar PV systems, including inverters and production/consumption monitoring hardware.
- Diagnosed and resolved system faults, connectivity, and monitoring issues on-site and remotely; performed service and maintenance calls.
- Followed electrical and workplace safety procedures and documented installations and service work for quality control.

Account Manager | Sales Representative | Merchandiser | Superior Beverage Group
2018 – 2019 | Columbus, OH

- Advanced from Merchandiser to Account Manager; managed a weekly call cycle across 116+ retail accounts, placing orders, managing inventory, and launching new products.
- Met weekly, monthly, and quarterly sales goals while identifying expansion opportunities within the assigned territory.

Hospitality Management (Earlier Roles) | Sea Pines Resort; World of Beer; Westin Savannah
2011 – 2018 | Hilton Head Island, SC; Savannah, GA; Orlando, FL

- Food & Beverage Manager (Sea Pines Resort), Bar Manager (World of Beer), and Food & Beverage Supervisor (Westin Savannah Harbor Golf Resort & Spa, seven dining outlets): hired, trained, and scheduled staff; managed vendors, inventory, and ordering; and ran POS systems while delivering high-volume customer service.

EDUCATION

Johnson & Wales University — Culinary Degree

Cape Fear Community College — Associate Degree

CERTIFICATIONS

Cicerone Certified — Beer