

John Ghlen Dealdo

DevOps / Platform Engineer | Linux Systems & Infrastructure Automation

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PROFILE

DevOps / Platform Engineer focused on Linux, networking, infrastructure as code, CI/CD, secure access paths, and reliable deployment workflows. Experienced with Proxmox-based systems, Docker Compose services, FastAPI automation, WireGuard administration, Terraform/Ansible workflows, and security-aware operations. Builds practical systems with emphasis on rollback, validation, auditability, and repeatable infrastructure workflows.

TECHNICAL SKILLS

Infrastructure & Platforms: Linux, Proxmox VE, OPNsense, WireGuard, Docker, Docker Compose, Coolify, Traefik

Infrastructure as Code & CI/CD: Terraform, Ansible, GitHub Actions, Makefile, configuration as code, CI checks

Automation & Backend: Python, FastAPI, Bash, PostgreSQL, Budibase, API-backed provisioning workflows

Security & Operations: CrowdSec, WAF verification, ZAP, Nuclei, Nmap, Trivy, Semgrep, TLS, rollback documentation

PROFESSIONAL EXPERIENCE

Linux SysAdmin / System Engineer | Helity

Dec 2025 - Present

- Designed and documented Proxmox VE networking around OPNsense, private VM bridges, DHCP/NAT boundaries, and WireGuard-based administrative access.
- Built a FastAPI provisioning worker integrating Budibase, PostgreSQL, Docker Compose, and the Proxmox API for queued VM clone requests.
- Prepared Coolify, Traefik, CrowdSec, internal TLS, WAF validation, and operational notes for a secure self-hosted application platform.
- Created validation, rollback, and infrastructure collection scripts to make system changes easier to verify and recover.

DevOps Intern | Infosoft

Mar 2026 - Jun 2026

- Contributed to DevOps direction by improving development workflows, container practices, CI/CD thinking, and security-focused automation.
- Introduced infrastructure as code, configuration as code, documentation frameworks, and alternative workflow approaches for maintainable team operations.
- Optimized a Docker-based PHP/Laravel development environment template to make local setup lighter and easier to maintain.
- Developed a Python DevSecOps CLI for repeatable web audits, scanner orchestration, Docker Compose services, and structured security evidence.

Infrastructure Engineer | Gated Proxmox Management via OPNsense

Infrastructure Project

- Designed a hardened two-bridge Proxmox layout with a public WAN bridge, isolated private management bridge, OPNsense firewall VM, and VPN-first operator access.
- Sequenced baseline capture, rollback preparation, WireGuard validation, management cutover, and handover documentation for a risky network transition.
- Reduced direct hypervisor management exposure while keeping recovery paths, certificate behavior, and operator access requirements clear.

EDUCATION

University of Mindanao - Digos College

Aug 2023 - Jul 2026

Bachelor of Science in Information Technology. Focused on Linux, web development, cybersecurity, machine learning, infrastructure automation, and practical deployment workflows.