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Italy · open to remote work in the EU

Luciano Nery

SecDevOps Engineer · Full-Stack Developer

PROFILE

SecDevOps (DevSecOps) engineer who started in full-stack web development and still builds full-stack. I run my own multi-provider infrastructure: a HashiCorp Nomad cluster on a self-hosted Tailscale-compatible mesh, a Git forge with protected branches and signed commits, and CI pipelines with secret scanning. I build the applications that run on it too, in TypeScript, Python and Go. I write up what I build, including what went wrong, and verify claims with measurements rather than assumptions.

INFRASTRUCTURE AND SECURITY

Self-hosted platform

Aug 2026 – present

Personal production infrastructure on Hetzner, OVH and on-premises nodes, managed as code with Ansible

- Nomad 2.0 cluster with ACLs and mutual TLS; services deploy with health checks and automatic rollback, with separate staging and production jobs.
- Private network on self-hosted Headscale with deny-by-default access grants; nodes join through Ansible roles that also apply an SSH and host hardening baseline.
- Forgejo as the canonical Git host: protected branches, pull-request-only merges, signed commits, Actions runners scheduled on Nomad, and automatic mirroring to GitHub and Codeberg.
- CI on every pull request: lint, type checks, tests, builds, and gitleaks secret scanning with a checksum-pinned binary. Merges to **dev** deploy to staging; releases deploy to production.
- Age-encrypted off-host backups with daily and weekly retention, verified by restore drills; a cross-provider watchdog sends push alerts when a node or service fails.

EXPERIENCE

Freelance Full-Stack Developer

Mar 2025 – present

Websites and small full-stack applications for businesses and individuals, from first meeting to live site

- ruzzameat.com: trilingual site (Italian, English, Portuguese) in Nuxt 4 with one URL per language, prerendered and served from Cloudflare Pages.
- equipenarcisa.com: Nuxt 4 and Tailwind CSS site for animal-assisted sessions, with event pages, light and dark themes and structured business data for search engines.
- Residenza Vela: scroll-driven 3D tour of a fictional building on real terrain (INGV TINITALY, Copernicus, OpenStreetMap); 1,200-frame Blender Cycles films per device, rendered on a cloud GPU and streamed as AVIF frames.

PROJECTS

OrbVora · browser auto-battler

Sep 2026 – present

- Authoritative Python 3.12 and FastAPI server with a deterministic fixed-point battle engine; clients replay the event stream over WebSockets, so every viewer sees the same fight.
- Nuxt 4 client on Cloudflare Pages, PostgreSQL 16 with ordered migrations, email and Google sign-in, Elo ranking; runs on the Nomad cluster with staging and production.

Open source

github.com/LucianoNeryDev

- **banditore** (TypeScript): multi-tenant social publishing engine; SSRF-safe webhooks with connect-time DNS checks, constant-time token comparison, schema-validated API, 330+ tests.
- **debug-center** (Go): remote device support over a tailnet; identity-based allowlist and an audit log on every action.
- **strix-acp** (Python): Agent Client Protocol server for Strix, an autonomous penetration-testing tool, so editors can drive security scans.
- **fatturapa** (TypeScript, npm `@lucianonerydev/fatturapa`): zero-dependency Italian e-invoice builder, validated against the official XSD in CI on Node 20, 22 and 24.
- **web-framework-bench**: the same site in 13 web stacks (24 configurations), load-tested on two cloud VMs with a reproducible harness.

SKILLS

Security	Secret scanning (gitleaks), SSRF and input validation, SSH and host hardening, mesh VPN access control, signed commits and protected branches, automated penetration testing (Strix)
Infrastructure	Linux, HashiCorp Nomad, Ansible, Docker, Headscale and Tailscale, nginx, Cloudflare (Pages, DNS), Hetzner, OVH
CI/CD	Forgejo Actions, GitHub Actions, staging and production pipelines, migrations in the pipeline, mirrored repositories
Development	TypeScript, Node.js, Vue and Nuxt, Python and FastAPI, Go, PostgreSQL, Drizzle ORM, Vitest

EDUCATION

Systems Analysis and Development · Universidade Anhanguera São Paulo

Feb 2025 – present

Courses: Harvard, Cybersecurity: Managing Risk in the Information Age (2024), CS50x Introduction to Computer Science (2024), CS50 AI (2024), CS50 Python (2023); SENAI São Paulo, Programming Logic and IT Fundamentals (2021)

LANGUAGES

Portuguese (native) · English (fluent) · Italian (fluent)