Griffin Hale Jack

Linux systems administration and DevOps · Proxmox, Docker, networking, monitoring

Portland, OR · open to remote · (503) 312-8556 · griffinhale.3@gmail.com
griffinhale.com · github.com/Griffinhale · linkedin.com/in/griffin-jack-5157b8295

EXPERIENCE

Independent Developer · KnownBetter Studios, LLC · Silicon Forest Solutions LLC 2026 – Present · Portland, OR

- Deploy and run personal and client web apps on VPS hosting with Dokku: Docker builds, Let's Encrypt TLS, DNS, and a staging app behind HTTP basic auth.
- Specify, review and test AI-assisted code; write runbooks and support clients.

Embedded Systems / Ultrasound Repair Technician · Sonovision Jan 2025 – Aug 2026 · Portland, OR

- Ran a Dockerized label service (Flask, Docker Compose, nginx) for about 12 staff printing 10-100 labels each per day; wrote the docs and led rollout and support for non-technical coworkers.
- Moved the manufacturer's .NET service programs onto Linux under Mono, with Wine as a fallback, behind one command-line tool and a local web page.
- Diagnosed ultrasound systems across 60+ models from symptoms, logs and board behavior; reflashed firmware over SPI and JTAG/UART, backing up and verifying every write.
- Reconciled 30,000+ assets in SQL from nightly inventory exports, resolving conflicting identifiers and duplicates.

SELECTED PROJECTS

griffinhale.com/projects

Homelab Proxmox · Docker · TrueNAS · Prometheus

- Runs four dedicated machines and five single-purpose Proxmox VMs with TrueNAS NFS storage; Traefik and private DNS route services, Authentik OIDC handles sign-in, and VLANs, Tailscale and a VPN separate traffic.
- Traced missing metrics and logs to Docker address translation and a proxy rule. Added tested per-host alerts that reach a phone.
- Verified Forgejo and applications backups through isolated restores and data checks; the media VM restore remains partial.

Scanta C#/.NET · Tailscale · ntfy

- Deployed a photo-intake pipeline across a VPS and a homelab node: OIDC-protected intake online, an importer that reaches home over Tailscale, and a crash-resumable import ledger; backups tested by restore.

Catlg catlg.app Fastify · PostgreSQL · Dokku

- Runs a TypeScript/PostgreSQL web app in production on Dokku; a home relay daemon executes only signed read-only requests, so media-server credentials stay on the home network.
- Split database roles so the app runs as a non-superuser and only migrations change the schema; fixed seven high-severity findings from a security review, each re-attacked on staging.

SKILLS

Linux and virtualization	Linux · NixOS · Proxmox · Docker · Docker Compose · Dokku · Mono/Wine
Networking	VLANs · DHCP · DNS · firewall policy · Tailscale · VPN · Traefik · nginx · TLS/Let's Encrypt · SSH
Identity and storage	Authentik (OIDC) · TrueNAS · NFS · restore testing · SQLite · MariaDB · PostgreSQL
Monitoring	Prometheus (rule tests) · Grafana · Loki · Grafana Alloy · Gatus · ntfy
Scripting and source	Python · Rust · SQL · Git · Forgejo · GitHub Actions

EARLIER EXPERIENCE

Food Service and Hospitality, various restaurants, 2016 – 2021 · Recording Engineer, self-employed, 2017 – 2020

EDUCATION

Associate of Arts · Portland Community College 2024 · Portland, OR

Computer science focus · GIS certificate coursework after the AA