

Matthew Haave

Infrastructure • Automation • Systems

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SUMMARY

Systems and infrastructure builder who designs, runs, and maintains multi-machine environments end to end. Twenty years working around technology and the people who use it, including a decade translating technical capability for non-technical audiences. Self-taught in infrastructure, with a working production-grade home environment as the portfolio.

EXPERIENCE

Infrastructure & Automation (independent)

Self-directed | 2026 – present

- Implemented encrypted automated **backups** with restic, scheduled **monitoring** that reports node availability, and push **alerting** for failure conditions.
- Wrote roughly eighty programs in **Bash** and **Python** holding the environment together; 76 version-controlled changes in the first month of tracking.
- Built six always-on services and nine scheduled jobs under **systemd**, with automatic restart, boot persistence, and self-healing verified by deliberately killing services and rebooting hosts.
- Designed and operate a private multi-machine compute environment spanning six devices, joined by a WireGuard-based mesh network with identical behaviour on and off the home network.
- Deployed self-hosted LLM inference (Ollama) with automatic failover routing across three endpoints, so no tool hard-stops when one node is unavailable.
- Built and sideloaded an Android application wrapping the environment's web dashboards for mobile access.

Lighting Quotations Specialist

Lighting industry | 2026 – present

- Produce **technical** quotations for commercial lighting projects, interpreting specifications and matching product configurations to requirements.
- Built internal reference pages and small automation tools on own initiative for the immediate sales team, run as proofs of concept and beta tests.

Content & Marketing Specialist

Nonprofit health data organization | 2022 – 2026

- Administered and maintained the internal SharePoint intranet and Salesforce spaces relied on daily by the full staff for finding information and completing work.
- Translated complex health-data interoperability capability into plain language for clinical, administrative, and public audiences.
- Produced content and multimedia across web, campaign, and internal communications channels.

Real-Time Desk Editor / Creative Services

Regional broadcast network | 2015 – 2021

- Operated live **production systems** under continuous deadline pressure, where failures are public and immediate.
- Produced and edited multimedia content across broadcast and digital channels.

Direct Support Professional

Community services | 2010 – 2020

- Provided direct support to individuals with disabilities, including **documentation**, care planning, and coordination with families and staff.

Head Repair Technician

Consumer electronics retail | 2002 – 2008

- Diagnosed and repaired consumer electronics and computer hardware; led the repair function for the location.

SKILLS

Infrastructure: Linux, **systemd**, Containers (**Podman/Docker**), Mesh **networking** (Tailscale/WireGuard), DNS, **Monitoring & alerting**, Encrypted **backups** (restic), Self-hosted LLMs (Ollama)

Automation & scripting: Bash, Python, Git, Scheduled jobs, **systemd** units & timers, Shell tooling

Platforms & tools: Microsoft 365, SharePoint, Salesforce, HTML/CSS, WordPress, SEO

Hardware: PC building, OS imaging, Raspberry Pi, Diagnostics & repair

EDUCATION

B.S., Broadcasting, Communications & News Technology — University of Nebraska at Omaha (magna cum laude, 2016)

A.A., Liberal Arts — Metropolitan Community College, Omaha