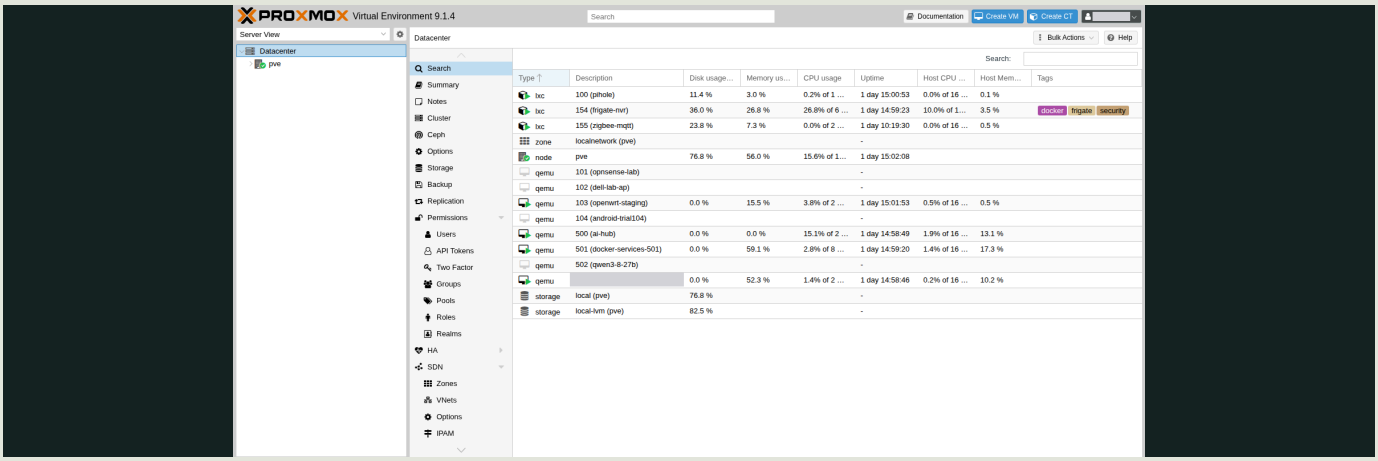
RAVON GORDON

Curiosity. Built into working systems.

Hands-on infrastructure, web projects, and practical problem-solving.



A personal lab for connecting ideas to working systems.

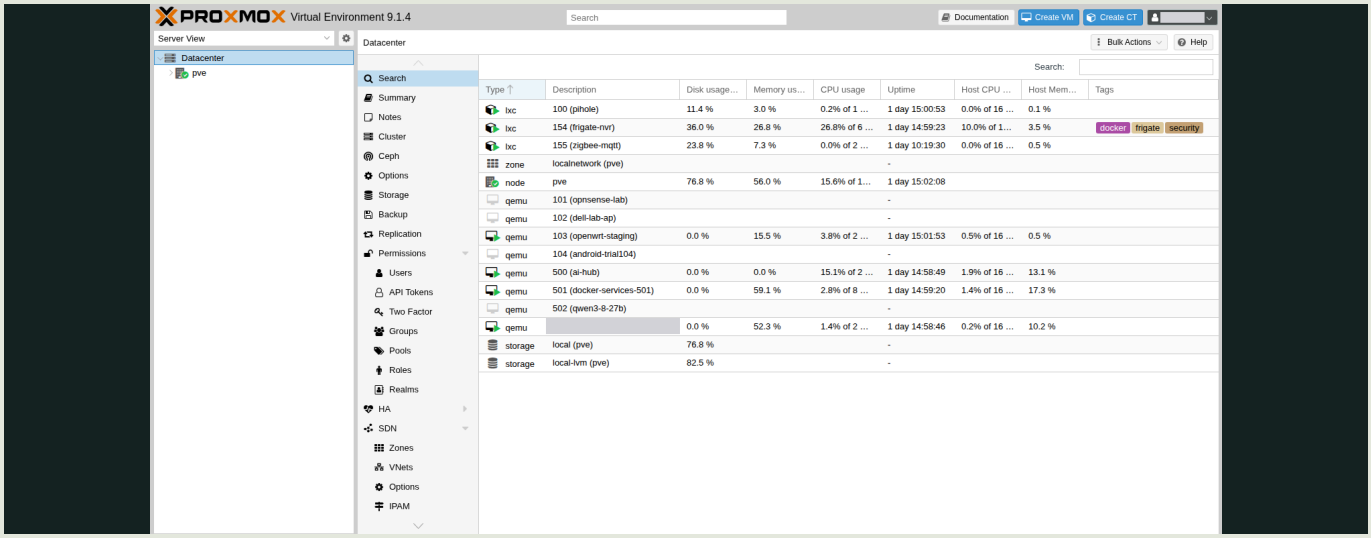
I connect the dots between infrastructure, software, and everyday problems. Then I build, troubleshoot, and keep learning.

Selected technical projects, built with AI-assisted workflows and hands-on verification.

ravon@ravon.dev **portfolio.ravon.dev** **github.com/DevRavon**

A home lab with room to learn.

A Proxmox environment for learning how Linux services, containers, networking, and remote access fit together.



A real virtualization environment, with private identifiers removed.

The work

Configure Linux virtual machines and LXC containers. Organize Docker workloads. Keep coordination services separate from the project host.

Trace problems through the application, service, network, and host instead of stopping at the first symptom.

Connected systems

OpenWrt staged VLANs and Pi-hole DNS provide practical networking experience. SSH and Tailscale support remote administration.

The environment makes it possible to test a change, troubleshoot its dependencies, and document the working setup.

VIRTUALIZATION
Proxmox

→

ISOLATED WORKLOADS
Linux VMs + LXC

→

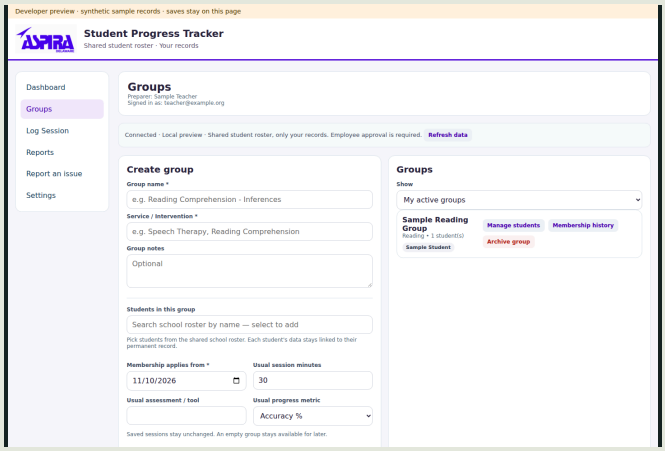
APPLICATIONS
Docker + services

WHAT THIS DEMONSTRATES

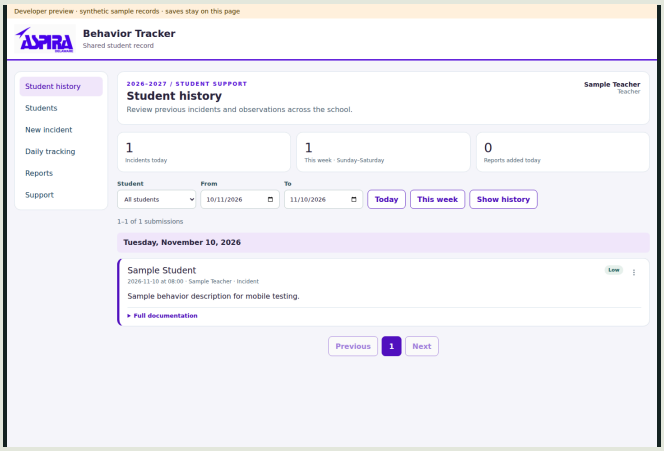
Systems thinking, Linux administration, virtualization, networking, and troubleshooting across service boundaries.

Less friction.
More useful tools.

Two ASPIRA applications bring student progress tracking and behavior observations into focused, role-controlled teacher and administrator workflows.



Student Progress Tracker / Synthetic preview
November 2, 2026 build.



Behavior Tracker / Synthetic preview
November 2, 2026 build.

Preserved application previews with synthetic data. These images precede the latest releases.

Student Progress Tracker

Group sessions, attendance, goals, and service minutes connect with private drafts, schedules, and paginated history or reports.

Startup handling includes request deadlines, retries, and guards against stale responses.

Behavior Tracker

Daily observations and incidents include correction flags and administrator review, with undo or restore workflows.

Paginated history and mobile use support the practical workflow beyond initial data entry.

`Google Apps Script` `Google Sheets` `JavaScript` `HTML / CSS`

WHAT THIS DEMONSTRATES

AI-assisted application development, practical workflow design, reliability, and thoughtful handling of confidential information. Public previews contain synthetic data.

A terminal.
With personality.

A personal website that turns a familiar command-line interface into a retro, interactive web experience.



ravon.dev / Interactive terminal interface with a CRT-inspired visual direction.

The work

Build and deploy a distinctive terminal-style website on Vercel. Connect an interactive interface to a recognizable visual concept.

The project combines web development, presentation, and iteration in something visitors can explore directly.

See it for yourself

The deployed website provides a working example. The public Fake-CRT repository makes its code available to inspect and credits upstream CRT inspirations.

Website → ravon.dev
Code → github.com/DevRavon/Fake-CRT

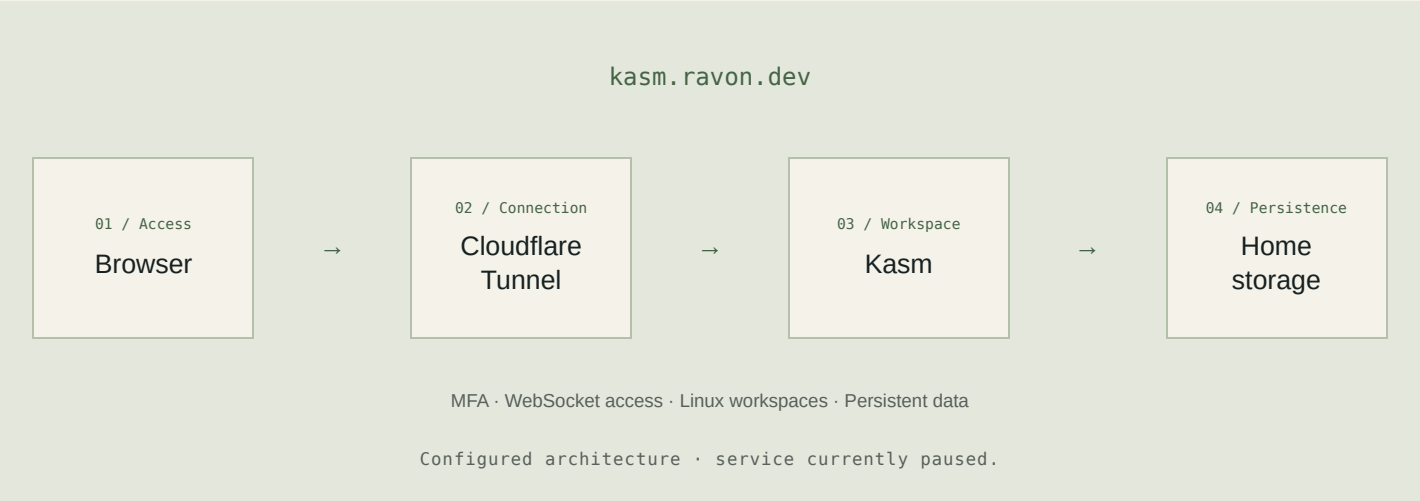
`Web development` `Interactive interface` `Vercel deployment`

WHAT THIS DEMONSTRATES

Turning a visual idea into a deployed web experience, with public code and a clear project identity.

A Linux workspace. Inside a browser.

Configured Kasm for persistent browser-based Linux workspaces, bringing application delivery and remote connectivity together.



The work

Connect Cloudflare Tunnel, multi-factor authentication, and WebSocket access to browser workspaces.

Verify that workspaces persist and that sessions can be recreated. Troubleshoot access from the browser through to the underlying service.

The practical learning

Remote access depends on more than a reachable login page. Authentication, proxying, interactive connections, and session behavior all need attention.

Status: Previously verified; currently stopped intentionally for lab capacity. No live workspace availability is claimed.

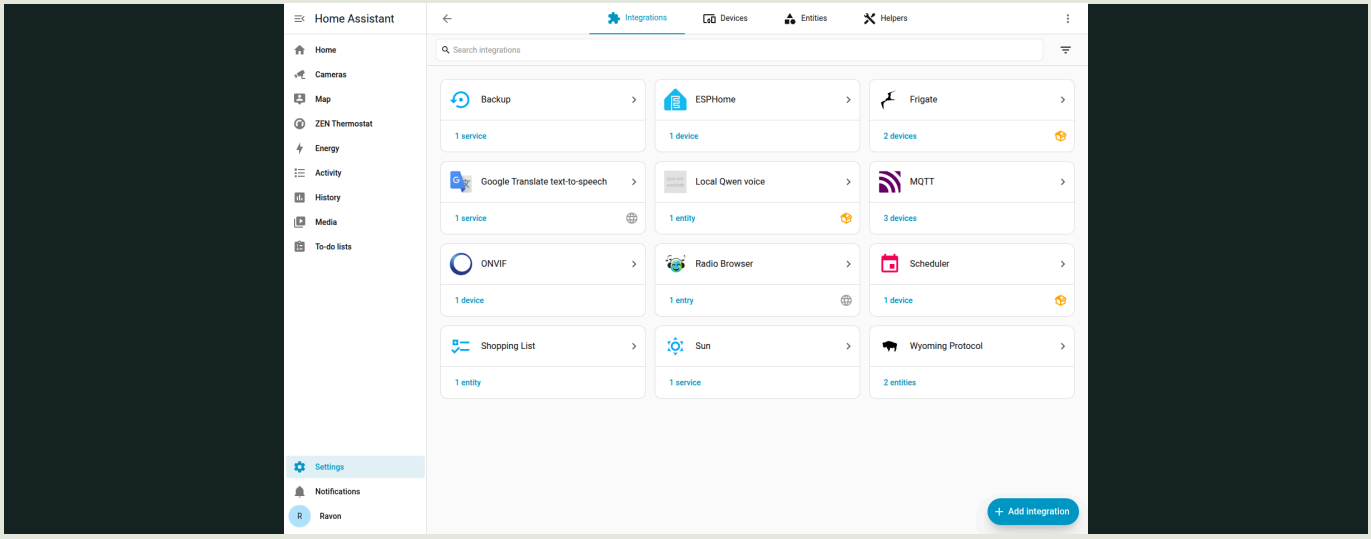
Kasm · Linux · Cloudflare Tunnel · MFA · WebSockets

WHAT THIS DEMONSTRATES

Remote connectivity, application configuration, authentication integration, and checking behavior beyond the initial connection.

Software meets the everyday.

Home automation connects software configuration to physical behavior—and makes verification especially tangible.



Home Assistant and supporting device services, with private details removed.

The work

Integrate Home Assistant and Zigbee2MQTT with authenticated Mosquitto messaging over TLS.

Work through thermostat and lock integrations, paying attention to the supporting services as well as the device interface.

Check the real outcome

Recorded physical acceptance checks connect the software response to what a device actually does.

This project develops a useful habit: check the whole chain before calling a change successful.

CONTROL
Home Assistant

→

MESSAGING
MQTT / TLS

→

DEVICES
Zigbee integrations

WHAT THIS DEMONSTRATES

Integration work, service dependencies, authenticated messaging, and verification against a physical outcome.

The build is only part of the work.

I use AI as a tool for learning and implementation, alongside hands-on troubleshooting, testing, and documentation.

01 / Understand

Follow the connections.

Look at the path from interface and application to service, network, and host.

02 / Verify

Test what matters.

Reproduce the problem, make a change, and check the actual behavior.

03 / Document

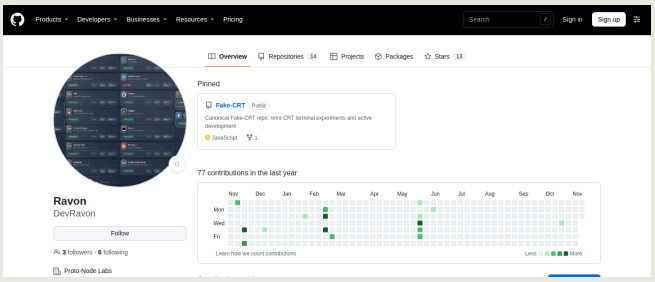
Make it repeatable.

Capture the setup and troubleshooting steps so the next change has a useful starting point.

More on GitHub

Fake-CRT credits upstream CRT inspirations. Py_Game is Escape the Rogue AI, a Python CLI game developed with collaborators, with packaging and tests.

github.com/DevRavon →



LET’S CONNECT

Let’s build what comes next.

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