

TED WAKEFIELD: SPECIFICATIONS

Firmware Version: 1.0.0 (Beta)

Build Date: August 2026

Status: Ready for production

SYSTEM OVERVIEW

Eighteen months ago, this unit was a bare metal.
A sad, discarded school-board laptop and a USB stick loaded with MX Linux. The unit taught itself from the kernel up.
It is now running three production applications on a Digital Ocean VPS, managing real users with real data.
It is not perfect. But it works.

CORE SPECIFICATIONS

Component	Status
OS	MX Linux 25.1 AHS, Liquorix
Portfolio	Tedstuff.ca
Work History	0 years

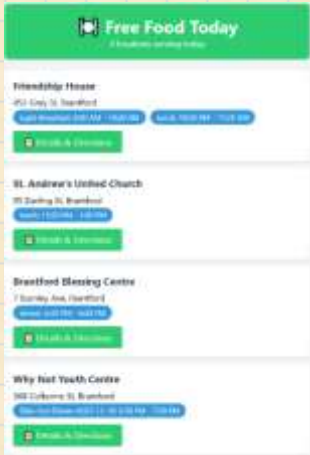
EDUCATIONAL TRAJECTORY

Self-directed; acquired sufficient high-level knowledge to ship three portfolio projects. Then developed a passion for C, with particular attention to x86-64 NASM.
Low-level is the unit's happy place.

LANGUAGE PROFICIENCY (Estimated)

These are honest approximations, not certifications.

Language	Comfort Level	Notes
Bash	30%	Functional
Python	40%	Low sweat
C	25%	According to Zed...
HTML/CSS	20%	Enough for now
JS/TS	5%	Respect, but...
x86-64 NASM	30%	Unit is in love



TED WAKEFIELD: PROJECTS

Custom Casing Installation Jig

Users provide trim width, desired "reveal" offset, and an email. The app passes these to a Python script that instructs FreeCAD to generate a custom jig. FreeCAD exports an STL, which is emailed to the user for 3D printing. Real-world utility. Works.

HTML Email Generator for Retailers

A configuration-driven system that builds professional marketing emails with custom backgrounds, server-supplied images, and CTA buttons. Imports lists from JSON or scrapes contacts via OAuth2. Ready for app-store compliance; currently waiting on better hardware to complete the build.

Community Meal Finder

Hungry people scan a QR code on a poster to see which charities are serving meals today. Cron logic and an SQL database with calendar rules handle holidays and ad-hoc exceptions. A "Get Directions" button launches Google Maps. "Donate" and "Volunteer" buttons download a vCard. Scalable to every town in Canada — each gets its own webpage/QR code/database silo. Live now.



:~\$man 3 ted_wakefield

After shipping the portfolio, the unit showed unexpected behavior: C with Zed Shaw. x86-64 NASM on Exercism.com. Both in conjunction with DeepSeek-as-Tutor. Registers, stack frames, system calls, memory addressing. Unit seems to understand higher level programming becomes more fluid, robust and frankly easier with a solid grip on the hardware. The unit will continue learning front-end as needed. But its heart is in the architecture, the plumbing, the parts that

IN SUMMARY

Attribute	Assessment
Raw capability	High; proven ability to learn an entire tech stack from zero in 18 months
Bad habits	Minimal; no corporate scars to unlearn. attention to documentation
Speed of learning	Accelerating; low-level study is unlocking deeper understanding of everything above it
Production experience	Limited to personal projects; eager for real scale and real problems
Humility	Genuine; knows what it doesn't know. respects the craft
Ego	Appropriate; won't pretend to be a senior engineer. will absolutely act like one when it matters

AVAILABILITY

Immediately. Give this unit a terminal and a problem. It will return a solution, a log file, and a list of things it learned along the way.

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