The Open Source Software I'm using in 2025

https://www.youtube.com/embed/bex0UEoUMbU

I have done an annual video about the open source software I use on a regular basis for the past several years, and in keeping with that tradition this is my current / updated list. I undoubtedly have some that I've missed, but I hope this list and the associated links will inspire you to find and try some new software you didn't know about, or have been curious about.

Timestamps

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49:30 Veloren
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54:50 Ghostwriter
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LInks

Linux on the Desktop and Server

An open source, freely available, full-featured operating system for any computer (seriously, any computer). They have x86, x86_64/amd64, aarch64, armv7, and so many other variants available.

https://www.linux.org/

Homepage

A dashboard to help you quickly access your homelab and self-hosted services, as well as to get a quick glance at stats for those services through their available APIs.

https://youtu.be/3Ux7zfCCM1A?si=hkxncm9EYLrA2Kvd

https://gethomepage.dev/

Proxmox

A virtual machine and container orchestration platform (think VMWare, ESXI, and so on), but free and open source.

https://youtu.be/38G0ghc5RfM?si=q6HdflXATseS2LMa

https://www.proxmox.com/en/

Technitium DNS Server

A self hosted DNS server with a ton of features for controlling the DNS for all your domains.

https://youtu.be/QWvVVheYCes?si=_fRPWGKkOItOpm7W

https://technitium.com/

Netbird VPN

A powerful Wireguard orchestration platform to create a robust network of machines and devices across the internet as though they were all on one local network.

https://youtu.be/_-vfSgqmOUI?si=1ANs3PLztRgkSkB0

https://youtu.be/Vi2UqOFqDGU?si=oS7jxmPVJwJrDiLd

https://youtu.be/ro7hbqLyv9M?si=IkxSYOJ9-83CXA33

https://youtu.be/FHiku2Lt3x8?si=HfDLzj2Q96YMJNgS

https://netbird.io/

OpenWRT

Powerful router firmware that can be installed on tons of off the shelf hardware, x86 machines, and even raspberry PI type single board computers.

https://youtu.be/4zmo8RafBFg?si=cfRnGOW_ytNSDoau

https://youtu.be/WMiSH7xsL6w?si=H67LFR8_OP-BIFzW

https://openwrt.org/

Beszel

An easy to setup, powerful system monitoring server.

https://youtu.be/xzI_uMaIND8?si=JskJs02XdqoeaAwd

https://beszel.dev/

Minarca Backup

An amazingly powerful and robust server-client backup system.

https://youtu.be/JuM5AbrJgZQ?si=lIDIc0kOmq6tVhBG

https://minarca.org/en_CA

LXConsole

Graphical web user interface for orchestrating your servers running Incus containers and KVM virtual machines.

https://youtu.be/xGh_k4bUaUQ?si=Pqf9gIUePYzovN_-
https://github.com/PenningLabs/lxconsole

RxResumes

A robust, easy to use, easy to setup Resume builder.

https://rxresu.me/

Immicch

Google Photos, Apple Photos, replacement. Self hosted, open source, and powerful features like face recognition, location grouping, timelines, memories, and so much more.

https://youtu.be/0TX9cMQlOdY?si=EeNRN3LgcMrGJeQr

https://immich.app/

Wazuh (SIEM)

Endpoint intrusion and detection software, but also so much more. It can be setup to remove applications added to various protected locations, it can scan endpoints for viruses, and send out alerts of devices with issues such as security alerts, virus alerts, malware issues, and so much more.

https://youtu.be/dwr-4CXtOso?si=1dAMXX3fR7XEs-_k

https://wazuh.com/

Uptime-Kuma

Service status uptime, monitoring, and alerting tool.

https://youtu.be/ausjbvJrjFI?si=WnWVbmDloZhdnhME

https://uptime.kuma.pet/

Get My

A simple application for getting stuff done. Lists, to-do's, menus, and more.

https://youtu.be/hbGNTzU24hI?si=uFXLSpi0_d55AN-o

https://getmydocs.opensourceisawesome.com/

Invoice Ninja

A powerful, open source invoicing, payment, expense tracking, estimation, and quoting system.

https://youtu.be/Uv11VPP4XP4?si=sLdlcWeJ7tjZDQU6

https://invoiceninja.com/

NGinX Proxy Manager

A reverse proxy to help direct traffic properly to all your self-hosted services.

https://youtu.be/RBVcnxTiIL0?si=NA4Z2h0aTAsdFluT

https://youtu.be/UfCkwlPIozw?si=ZMFADgx4P-u7gbuB

https://youtu.be/cjJVmAI1Do4?si=ibr-UADuKO05c5tL

https://nginxproxymanager.com/

Home Assistant

Open source home automation under your control on your terms.

https://www.youtube.com/playlist?list=PLjLkaXQ35321UKMrpRp81_w2Hc_tcnshj

https://www.home-assistant.io/

Authentik

Self hosted, open source Single Sign On identity and authentication service.

https://youtu.be/KlDJ4K45M_o?si=vFt-LYxGuLD6ckDD

https://goauthentik.io/

Guacamole RDP SSH VNC

Web portal for Remote Desktop access through RDP, VNC, and even terminal shell access as needed. User and machine groups, roles, and permissions galore.

https://youtu.be/DGw6P5Lkj-U?si=mhcw2v4xQqIdiCkI

https://youtu.be/WIyAGuMbjmY?si=U99W6wuZYgRIM04z

https://guacamole.apache.org/

Nextcloud

Self hosted, open source Microsoft 365 replacement, with privacy first, ownership as top of mind, and federation that you approve.

- File Syncing and Sharing
- Email
- Calendars, events, meetings and notifications
- Notes
- Contacts
- To-do boards
- Team Chat, Voice, and Video calling
- External Voice, Chat, and Video calling
- Browser based office suite
- so much more

https://youtu.be/OCLq62KOqNU?si=ltCD-7mwdNUmZod6

https://youtu.be/YZN2n0Wv0p4?si=Ne4iz3Q-UIUWD1M-

https://nextcloud.com/

Metabase

Open source data analytics platform made for the average person.

https://youtu.be/eYUnfyq7KWU?si=s59BuUaJ-ft6PmhS

https://www.metabase.com/

FluffyChat for Matrix

Chat client for the Matrix protocol.

https://fluffychat.im/

https://youtu.be/H-6kfIqPoI4?si=bQVz_g3dx2_wVt3O

https://youtu.be/TFDFR6EBG3k?si=CwDDb1JDxM97I--N

Evolution Email

Email for the Linux Desktop

https://help.gnome.org/users/evolution/stable/

FreeCAD

Computer Aided Design for modeling and 3D printing designs.

https://youtu.be/-Woz1q4iIKY?si=0sKzNUtHYsWQ_C5r

https://www.freecad.org/

LibreOffice

Open Source full office suite that is better than Microsoft office (seriously).

https://youtu.be/q-PoKzTlJY8?si=x7Le-G12ZQl9sYq9

https://www.libreoffice.org/

Veloren

Online game server that you can run yourself, or share with the world.

https://youtu.be/y8YrZ8QQCjg?si=YDVinGoP69ZzxAix

https://veloren.net/

GIMP

Photoshop replacement with incredible tools and power.

https://www.gimp.org/

RustDesk

Anydesk, Teamviewer, GoToAssist full replacement that's open source and self hostable.

https://youtu.be/9nzHm3xGz2I?si=HOYo8bs7DucL6CSr

https://youtu.be/EeFqj23jxMk?si=N3dXfSnrHgXFroxf

https://rustdesk.com/

Ghostwriter

Open Source Markdown editor

https://youtu.be/O_yIPQOPQxA?si=mLPoW4LEyNnQSCU8

https://ghostwriter.kde.org/

VSCodium

Full open source version of VSCode code editor.

https://vscodium.com/

OBS (Open Broadcast Studio)

Open Source, powerful recording and streaming orchestration software.

https://obsproject.com/

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