

Mayphus Tang

Available now · full-time or remote

Linux Ops / DevOps Engineer · CI/CD · Networks · Device repair

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Summary

Ops engineer with 6 years hands-on across device repair, Linux/KVM/multi-office networks and customer deployments, and CI/CD release troubleshooting (Jenkins/Ansible/AWS). I find which layer broke, fix it, and document recovery. I use AI for scripts and review and verify every change before it ships.

Skills

Systems & network	Linux, Shell, KVM, Docker, Nginx, RAID, Redis; routing, firewalls, OpenVPN, WireGuard, DNS/TLS certificates, troubleshooting
CI/CD & scripting	Jenkins (shared libraries), GitLab, GitHub Enterprise, GitHub Actions, Ansible, YAML; Bash, Python, pandas, Excel, web scraping; AI agents, LLM, MCP
Cloud	AWS (main), Cloudflare, Alibaba Cloud, Huawei Cloud, Tencent Cloud; light use of GCP, Azure
Devices	Camera and NVR/DVR repair; board-level repair incl. BGA; UART, U-Boot, ARM/HiSilicon, firmware recovery
Languages	Chinese (native), English (working; reads technical docs daily)

Experience

Independent

Jul 2025 – now

AI-assisted operations & engineering

- Work daily with AI agents to investigate failures, operate systems, and write and review code; I set the goal, check the result and decide what ships. Live example: mayphus.org (Cloudflare Workers, GitHub Actions auto-deploy with post-release checks, MCP endpoint for AI agents).

State Street Technology (Zhejiang) Co., Ltd.

May 2022 – Jun 2025

Software Engineering & Development, Senior Associate (CI/CD release support)

- Supported dozens of engineering teams on the internal CI/CD and self-service deploy platform (GitHub Enterprise, Jenkins, Ansible, AWS); ~20–30 support tickets a day.
- Triaged failed releases to build, scan, approval, release or AWS deploy; read platform code when logs were not enough.
- Documented root cause, reproduction, ownership, workaround and next step instead of forwarding raw logs.

Hangzhou Fuzamei Tech Ltd.

Aug 2020 – Mar 2022

Operations Engineer

- Delivered blockchain systems for multiple customers (cloud and on-premises): planning, cost estimates, deployment, node sync, troubleshooting.
- Maintained 10+ physical servers (HP, Dell), KVM VMs, switches and routers, and about 100 staff PCs; routing, firewalls, OpenVPN, WireGuard, Docker, Nginx, cloud RDS and Redis; checked domain/TLS through network, proxy, host, container and app before handover.

Zhejiang Dahua Vision Technology Co., Ltd.

Jul 2018 – Oct 2019

Overseas Repair Engineer

- Repaired hardware and firmware faults in overseas-return cameras, NVRs, DVRs and other networked devices; fixed power circuits and replaced parts, including BGA chips.
- Recovered bricked units via the web UI or UART/U-Boot, e.g. revived a camera by partial reflash without desoldering the flash chip.
- Tested and wrote requirements for the department's C# repair system; used Python and pandas to scrape and merge tracking from 50–100 international couriers into transit and exception reports.

Education

Changsha University

Sep 2014 – Jun 2018

Mechanical Design, Manufacturing and Automation · Bachelor's

- Built a ROS1 robot car solo (Raspberry Pi, 2D LiDAR, two-wheel drive); PR2 in Gazebo, RViz, costmap navigation and path planning.
- ROS, OpenWrt, 8051 and Linux kernel work; engineering competitions and smart-agriculture automation (mechanical, electronics and software).