

Mayphus (Meifa) Tang

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Profile

DevOps and infrastructure operations engineer with experience supporting CI/CD platforms, AWS-backed deployments, Linux/network troubleshooting, and production release workflows.

Experience

Independent Infrastructure / Tooling Builder

2025 ~ Present

Independent Infrastructure & Automation Lab

- Operated a compact K3s and ZFS homelab node with Cloudflare Tunnel, backup automation, and service deployment workflows to practice reliable local-first infrastructure operations.
- Implemented structured data pipelines, including Overpass API road-network extraction, and converted the results into interactive visual components for publishing workflows.
- Submitted a FreeBSD Handbook patch for a thin NullFS jail symlink issue that broke package bootstrapping inside jails.

DevOps / CI/CD Platform Engineer

2022 ~ 2025

State Street Technology (Zhejiang) Co., Ltd.

- Supported internal engineering teams using a custom CI/CD and self-service deployment platform built around GitHub Enterprise, Jenkins shared libraries, YAML configuration, Ansible, and release approval gates.
- Diagnosed build, scan, release, and deployment failures across AWS-backed services, including EC2, databases, and Databricks-related workflows.
- Investigated blocked releases by tracing pipeline logs, Jenkins shared-library behavior, YAML configuration, Ansible output, and sparse documentation to identify root cause, owner, or workaround.

Infrastructure Operations Engineer

2020 ~ 2022

Hangzhou Fuzamei Tech Ltd.

- Owned infrastructure operations across server rooms, virtual machines, cloud resources, office networks, VPN access, domains, and SSL certificates.
- Maintained firewalls, routers, OpenVPN access, monitoring systems, Jenkins/Docker build environments, and production service runbooks.
- Supported blockchain-backed product deployments, including NFT and inclusive-finance platforms, with Nginx routing, database setup, and service verification.

Technical Support / Repair Engineer

2018 ~ 2019

Zhejiang Dahua Vision Technology Co., Ltd.

- Diagnosed and repaired surveillance cameras, recorders, servers, and network-connected embedded systems, including board-level component replacement and post-repair validation.
- Troubleshoot boot, firmware, storage, and network issues across Linux, ARM, HiSilicon, u-boot, TCP/IP, and FTP environments while supporting customer-specific deployments.

Education

Mechanical Design, Manufacturing and Automation

2014 ~ 2018

Changsha University

- Built embedded and Linux-based systems through coursework and projects, including ROS robotics, 8051 MCU control, OpenWrt firmware, and Linux kernel module customization.
- Applied mechanical, electronics, and software skills in engineering competitions and smart-agriculture automation projects.

Skills

Languages: English (CET-4), NCRE Level 2

Systems: Linux troubleshooting, networking, FreeBSD (jails, pf, bhyve, ZFS)

CI/CD & Automation: Jenkins, GitHub Enterprise/Actions, Ansible, YAML, Bash, Python, Racket, Emacs

Cloud & Containers: AWS, Alibaba Cloud, Docker, Kubernetes (homelab)