

Arshford Thua

Systems & DevOps Engineer

Nairobi, Kenya

arshford@hotmail.com · +254 790 267738

portfolio.arshford.top

linkedin.com/in/arshford-thua · github.com/Arshford

SUMMARY

Systems & DevOps engineer running Linux, Kubernetes, backups, mail and hosting infrastructure at scale across multi-country web hosting operations. Strong across the full Kubernetes stack, multi-cloud and bare-metal provisioning, infrastructure as code, database management and migrations, and production incident response. Founder of Ashif Labs.

CORE SKILLS

Linux & systems: Ubuntu, Debian, AlmaLinux, CloudLinux, hardening, LVM, bare metal

Virtualization: Proxmox VE, Virtualizor, Harvester HCI, KVM, LXC

IaC & CI/CD: Terraform, Ansible, Semaphore, GitHub Actions, CI/CD pipelines

Backup & DR: restic/Backrest, Bareos, JetBackup, Kasten K10, Longhorn

Hosting & DNS: cPanel/WHM, WHMCS, PowerDNS, registrar & EPP automation

Monitoring: Grafana, ELK/Kibana, Elastic APM, SigNoz, Uptime Kuma, Playwright

Containers & K8s: Docker, Kubernetes, RKE2, K3s, Rancher, Longhorn, Helm, cluster ops & migrations

Cloud & bare metal: AWS, Oracle Cloud, Azure, OVH, Contabo, Hetzner, DigitalOcean

Databases: MySQL, MariaDB, PostgreSQL, replication, optimization, migrations

Mail: Postfix, Dovecot, rspamd, Proxmox Mail Gateway, OX App Suite, DKIM/SPF

Security & VPN: WireGuard, firewalls, SSH hardening, fail2ban, TLS

Automation & support: Bash, Python, PHP, Django, L2/L3 support, runbooks

EXPERIENCE

Systems & DevOps Engineer

[Multi-country web hosting company](#)

- ▶ Operate and migrate full Kubernetes stacks (RKE2/K3s, Rancher, Longhorn, Helm) alongside a fleet of cPanel/WHM servers
- ▶ Provision bare-metal and VPS across AWS, OVH, Contabo, Hetzner and DigitalOcean, configured as code with Terraform and Ansible
- ▶ Build CI/CD pipelines with Semaphore and automate fleet-wide operations across the platform
- ▶ Manage databases and migrations (MySQL/MariaDB/PostgreSQL), including large-scale optimization and pruning
- ▶ Own backup & disaster recovery, self-hosted mail infrastructure, and monitoring/observability
- ▶ Provide L2/L3 technical support across diverse production systems, with performance engineering and incident response

Founder

[Ashif Labs](#)

- ▶ Deliver production-grade infrastructure for individuals and small teams: hosting, backups, self-hosting, VPN and monitoring

SELECTED PROJECTS

Centralised backup infrastructure. Bareos with PostgreSQL catalogs, GFS retention and TLS clients, plus a restic/Backrest strategy for cross-provider VMs.

Kubernetes backup dashboard. Django dashboard unifying JetBackup, Kasten K10 and Longhorn across clusters; surfaced a fleet-wide backup outage.

Self-hosted mail platform. OX App Suite on Kubernetes with Dovecot, Postfix, PMG, LDAP, Solr and S3 filestore; ran a live production migration.

Fleet tooling & hardening. Parallel PHP NS scanner across a 40k-domain fleet and Ansible permission-hardening across 1,500 WordPress accounts.

CERTIFICATIONS

LPIC-2 Linux Engineer **LPIC-1** Linux Administrator **Oracle Cloud Infrastructure** Architect (Pro & Associate)

Microsoft Azure Fundamentals **Juniper JNCIA** Junos & Security **Essentials:** Linux, Cybersecurity, IoT

EDUCATION

BSc, Information Technology [Kirinyaga University](#)