

TAREK KHIDER

Infrastructure operations professional with five years across datacenter, systems, and network roles.

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WORK EXPERIENCE

DC Operations Technician III

August 2024 - Present

Amazon Web Services, Paris

- Serve as the primary point of contact for high-severity events across a fleet of ~700 racks, owning incident response from triage through resolution.
- Respond to infrastructure incidents and execute targeted recovery workflows, minimizing downtime and keeping the fleet within SLA targets.
- Troubleshoot Layer 1/2 network connectivity issues and execute critical hardware replacements.
- Install servers and handle physical infrastructure tasks (racking, cabling, patching).

System and Network Technician

July 2023 - July 2024

Winamax, Paris

- Administered core identity and network services, including Active Directory, ADFS, DNS, DHCP, and WSUS.
- Maintained Cisco switching and wireless infrastructure, enforcing network security policies.
- Managed 500+ multi-platform endpoints (Windows, macOS) using JAMF, handling policy enforcement, application deployment, and version control.
- Implemented infrastructure monitoring and alert systems, utilizing PowerShell and Bash scripts to automate administrative tasks.

IT Technician

August 2020 - June 2023

Groupe Iliad, Paris

- Supported 10,000+ endpoints, resolving hardware and software incidents.
- Installed and configured network devices (switches, routers, access points).
- Resolved complex endpoint failures involving OS corruption, hardware faults, and network misconfigurations.
- Created knowledge base articles and internal procedures that reduced MTTR by 20%.

SELF-HOSTED INFRASTRUCTURE

- Operate a GitOps-managed Kubernetes platform on a 3-node Talos Linux cluster, with Flux CD continuously reconciling cluster and application state from Git (Helm + Kustomize).
- Secure the platform end to end: encrypted secrets in Git via Sealed Secrets, automated TLS lifecycle with cert-manager (Cloudflare DNS-01), and Authentik SSO enforced through Traefik forward-auth.
- Run a parallel Proxmox/Ansible estate of production Ubuntu VMs and LXC containers (Nextcloud, BIND DNS, media automation), with a self-hosted GitHub Actions runner deploying Traefik routing, DNS, and Docker Compose workloads.
- Manage public DNS as code with Terraform (Cloudflare zone, Terraform Cloud state), with a GitHub Actions pipeline that plans on pull requests and applies on merge to main.

SKILLS

- DevOps & Automation: Ansible, Terraform, Kubernetes, Docker, Python, Bash, GitOps, CI/CD
- Systems & Infrastructure: AWS, Linux, Windows Server, Active Directory, ADFS, WSUS, JAMF
- Networking & Security: VLANs, Firewalls, Load Balancing, Reverse Proxy, Cisco Switching, DNS, DHCP
- Monitoring & Observability: Prometheus, Grafana

EDUCATION

42 Paris | 2025 – 2027

Core Topics: Low-level systems programming (C/C++), Unix environments, algorithms, data structures, concurrency, multithreading, and network programming.

Doranco | RNCP Niveau 6 "Administrateur Systèmes et Réseaux" | 2022-2023

Core Topics: Advanced networking, Linux system administration, advanced Windows Server administration, security fundamentals, and DevOps principles.