Abdelhalim El Jarzini

DevOps & Infrastructure Engineer – AWS, Kubernetes, Terraform, CI/CD

Morocco – Open to relocation – Available from 16/11/2026

eljarziniabdelhalim@gmail.com
LinkedIn GitHub

Summary

DevOps and infrastructure engineer working since 2020, in DevOps & Infrastructure Engineering since 2023 on critical production platforms for a bank and a port operator, most recently as technical owner of a client project's AWS infrastructure end to end. AWS (EC2, EKS, RDS, S3, VPC, IAM), Infrastructure as Code with Terraform (reusable modules, several AWS accounts) and Ansible. CI/CD with GitLab CI/CD and Jenkins, GitOps with ArgoCD and Helm, Kubernetes from scratch to production (EKS, OpenShift, Talos, Rancher). Observability with Prometheus, Grafana, ELK and Dynatrace; security with Vault, Trivy, SonarQube quality gates and Wazuh. Strong networking and Linux foundation (BGP, VLANs, FRRouting, Open vSwitch), Proxmox/KVM virtualization and Ceph storage. N2/N3 escalation point for production incidents; Python and Bash automation; documentation in French and English.

Experience

DevOps Engineer – Client Project: Marsa Maroc 01/2026 – 11/2026
ITGS – IT Global Service, Morocco

- Technical owner of the project infrastructure end to end: AWS (EC2, EKS, RDS, S3, VPC, IAM), Kubernetes and CI/CD
- Built and maintained CI/CD pipelines (GitLab CI/CD, Jenkins) across development, staging and production
- Automated provisioning and deployments with Terraform, Ansible, Helm and ArgoCD
- Monitored production and resolved incidents; security monitoring with Wazuh, secrets in HashiCorp Vault
- PostgreSQL backups to S3 for disaster recovery; infrastructure cost optimization

DevOps Engineer – Client Project: BMCE Bank 01/2025 – 01/2026
ITGS – IT Global Service, Morocco

- Operated a banking client's highly secured on-premise platform (Kubernetes / OpenShift)
- Containerized and deployed applications and AI services; GPU infrastructure for LLM inference (vLLM)
- CI/CD pipelines across Development, Acceptance and Production; monitoring with Dynatrace and ELK
- Troubleshot infrastructure, Kubernetes and deployment incidents

DevOps & Infrastructure Engineer 03/2023 – 01/2025
ITGS – IT Global Service, Morocco *Internal Infrastructure & Platform Engineering*

- Built Kubernetes clusters from scratch on-premise and managed clusters with Talos Linux and Rancher
- Administered Linux servers and multi-zone networking (FRRouting/BGP, VXLAN, Open vSwitch, OVN, VPP)
- Ran Proxmox/KVM virtualization with High Availability, Ceph and MinIO storage
- Set up monitoring and alerting (Prometheus, Grafana, ELK); automation with Terraform, Ansible, n8n, Python, Bash
- Scrum Master of the infrastructure team: ran Scrum ceremonies, tracked work in Jira, unblocked the team

IT Network Technician – Intelcom Assignment 01/2020 – 03/2023
ADAPTIVE TEK – Casablanca, Morocco

- Maintained and monitored server and network infrastructure across several client sites; resolved incidents
- Configured VLANs and routing and deployed multi-site connectivity (Fiber Optic, 4G, BLR)
- Linux system administration: provisioning, patching, monitoring and automation scripts

Education

Master's Degree (Bac+5) – Intelligent Systems & Digital Trust (SICN) 2025 – Present
ENSA Fès – Université Sidi Mohamed Ben Abdellah, Morocco

- Relevant coursework: Secure Cloud Architecture, Machine Learning, Big Data, Threat Intelligence, Cryptography

Professional Bachelor's Degree in Information Technology 2021 – 2022
SUP MTI, Meknès, Morocco

- Relevant coursework: Cloud Architecture, Infrastructure Automation, DevOps practices, CI/CD with Jenkins and Docker

Certifications

AWS Certified Solutions Architect – Associate *(In Progress)*
Certified Kubernetes Administrator (CKA) *(In Progress)*
CompTIA Linux+ *(In Progress)*

Skills

Cloud: AWS (EC2, EKS, RDS, S3, VPC, ELB/ALB, IAM) **IaC:** Terraform, Ansible **GitOps:** ArgoCD, Helm

CI/CD: GitLab CI/CD, Jenkins, GitHub Actions, SonarQube, Nexus, Harbor

Containers: Docker, Kubernetes (EKS, OpenShift, Talos Linux, Rancher)

Observability & Security: Prometheus, Grafana, ELK, Loki, Dynatrace, Wazuh, Vault, Trivy, Keycloak

Linux & Networking: Ubuntu, RHEL, Rocky Linux, CentOS; BGP, VLANs, FRRouting, Open vSwitch, OVN, VPP

Virtualization & Storage: Proxmox, KVM, Ceph, MinIO **Messaging:** Kafka, RabbitMQ

Scripting: Python, Bash, SQL, Git **Methods:** Agile / Scrum, Jira, N2/N3 support

Languages: Arabic (native), French (fluent), English (professional working)