

AHMED BELHAJ

Platform Engineering Lead | Cloud Architecture | Internal Developer Platforms | EdTech

Tunis, Tunisia · Remote EU / Hybrid Tunis / Relocation open
ahmedbelhaj.it@gmail.com · +216 21 374 471

SUMMARY

Platform Engineering Lead with 5+ years of professional experience designing and operating cloud platforms, internal developer platforms, and multi-tenant SaaS systems. Progressed from Holberton student to Technical Manager and CTO, leading engineering organizations of up to 35 people and supporting learning platforms serving 40,000+ learners across Africa and Europe. Expertise spans AWS platform architecture, cloud governance, FinOps, developer experience, infrastructure modernization, and technical program delivery across telecom, higher education, and SaaS environments.

CAREER HIGHLIGHTS

- Supported learning platforms serving 40,000+ learners across 7+ institutional deployments in Africa and Europe.
- Led engineering organizations of up to 35 people across Cloud, DevOps, Software Engineering, AI/ML, AR/VR, and content teams.
- Architect and delivery lead for MTN Cameroon E-Campus, a national telecom-backed learning platform (live at mtn-e-campus.campusna.com).
- Designed and operated a 29-account AWS Organization with landing zone architecture, Terraform, CloudFormation, and cloud governance controls.
- CTO & Co-founder of DarDev — SaaS products, ERP systems, and platform engineering for an 8-person engineering organization.

EXPERIENCE

Campusna / Tekouin — Technical Manager & Platform Lead

Tunis · May 2022 – Present

Key Achievements

- MTN Cameroon E-Campus — national telecom-backed learning platform (live; ~40% payment/API improvement)
- 29-account AWS Organization with landing zone, governance, and IaC (Terraform, CloudFormation, Ansible)
- ~47% org-wide cloud spend reduction through platform rationalization
- 15+ production Moodle plugins on multi-tenant platforms serving thousands of learners
- Led organizations of up to 35 people (7 direct reports) across engineering and content teams

MTN Cameroon E-Campus — Flagship National Delivery

Led architecture and delivery on AWS ECS Fargate (Moodle, React, Celery, payment APIs) with Evina fraud integration and operator UAT. Owned technical architecture, third-party integrations, and cross-stakeholder coordination (11-person program: Campusna 3, Evina 2, MTN 6).

Designed and operate 29-account AWS Organization (SSO, SCPs, landing zone, student lab accounts); GDPR/CIS/NIST compliance documentation and CI/CD pipelines. Rationalized footprint post multi-program era — retired EKS workloads.

FinOps: OVH-to-AWS migration (~€1,000/yr savings), OpenCost/AWS Budgets, rightsizing, and major billing incident resolution (~\$1.1k service credit).

Built Tekouin LMS product layer: payment microservices on ECS, headless Moodle SDK, Teacher platform (React/API V2) with per-student cloud cost tracking, and auto-grading infrastructure (VPL) for Cloud, DevOps, Cyber, Data, and Software Engineering programs.

Deployed internal developer platform (IDP): VS Code online, intranet on Kubernetes, JupyterHub/data labs, and integrated collaboration/ops tooling.

Operated production learning platforms for 7+ institutional deployments across Africa and Europe — Paris Dauphine University, Pristini School of AI, ESB-Tekouin, ELIFE/Fondation Tunisie (10 training centers), Techlink (EU4Innovation), and Luxembourg AI & Cyber Academy.

AfricaTek Academy — Full Stack Engineer & Curriculum Lead

Tunis · Jul 2021 – Present

Holberton international pathways (Cyber, Cloud, DevOps, Data/ML); Santander train-to-place cohorts and Dauphine e-learning; cybersecurity curriculum and auto-graded CI/CD/IaC labs. Holberton student and teaching assistant (Feb–Jun 2021) before engineering leadership roles.

DarDev Solutions — CTO & Co-founder

Tunis · Feb 2023 – Present · dardev.net

Built and led 8-person engineering organization (4 co-founders). Defined technical strategy, platform architecture, delivery standards, and cloud operations across all products and client engagements.

Launched 2026: 20 (multi-tenant school SaaS) and Hesabi (Tunisia ERP, TTN e-invoicing — Khaled Ben Abderrahmen, co-founder, ERP lead). Shipped Netverse and CleanCH (European client deployment). Own company IDP: Workspace, DarDevLab/CDE, DevOps/monitoring, CRM/mail stack.

Minduos — Technical Consultant · Sfax · Apr – Aug 2023

Architecture, production deployment, security patching, and maintenance.

SKILLS & PLATFORM TECHNOLOGIES

Architecture: Platform Engineering, Internal Developer Platform (IDP), Developer Experience (DevEx), Multi-Tenant Architecture, SaaS Platform Architecture, Cloud Governance, Landing Zone Architecture, FinOps, Technical Program Management · Cloud & IaC: AWS Organizations, ECS Fargate, EKS, RDS, ElastiCache, S3, CloudFront, ALB, VPC, CDK, Terraform, CloudFormation, Ansible, Helm, OpenStack · CI/CD & Ops: Jenkins, GitLab CI/CD, GitHub Actions, Docker, Kubernetes, Prometheus, Grafana, OpenCost, CloudWatch, Linux administration · Identity & Platforms: Keycloak, Authentik, OAuth2/OIDC, LDAP, Moodle, JupyterHub, BigBlueButton, Matrix, OpenProject, OrangeHRM, Vault, payment/DCB, VPL · Development & Data: Python, Django, DRF, Celery, Flask, React, TypeScript, Flutter, PostgreSQL, MySQL, Redis, RabbitMQ, Bash

EDUCATION

Holberton School — Software Engineering (AR/VR), 2020 – 2022 · ISTIC Borj Cedria — Computer Science, 2018 – 2020 | LANGUAGES | English (fluent) · French (professional) · Arabic (native) | CERTIFICATIONS | AWS Cloud Solutions Architect (Coursera) · IBM DevOps, Cloud & Agile Foundations · Applied Software Engineering (IBM) · Software Design & Architecture (Coursera) · Kubernetes & Linux for Cloud/DevOps (Udemy)