MOHAMED AZIZ BEN HAHA

Cloud & DevOps Engineer — Artificial Intelligence Specialization
Professional and University Trainer

+33 6 05 72 05 98 | WhatsApp +216 25 713 413 | mohamedaziz.benhaha@gmail.com
69130 Écully, Rhône, France | linkedin.com/in/mohamed-aziz-ben-haha | @The_Thesis_Club

PROFILE

- Cloud and DevOps Engineer (CKA, AWS Solutions Architect, AWS SysOps)
- PhD candidate in AI applied to embedded systems and IoT
- Experience in production infrastructure (Ooredoo, freelance), DevSecOps automation, and AI solution development (RAG, computer vision, predictive models)
- Certified trainer with 1,000+ hours of Cloud, DevOps and AI training delivered to companies

CERTIFICATIONS

AWS Certified Solutions Architect – Associate · 2025

AZ-104 Azure Administrator Associate

LPI DevOps Tools Engineer · May 2024

AZ-900 · Feb 2024

AWS Certified SysOps Administrator – Associate · 2025

CKA – Certified Kubernetes Administrator · Feb 2024

AWS Cloud Practitioner · March 2024

EXPERIENCE

Cloud, DevOps & Artificial Intelligence Trainer
08/2025 - 01/2026
ANETI - Employment and Self-Employment Office
La Goulette, Tunisia

- **End-to-end AI programme (150h)**: trained learner pairs from zero to designing models trained on real datasets, defended before a jury. One pair's project (a predictive model for stock-market decision support) was picked up by BNA bank for further development.
- **Azure DevSecOps (120h)**
- **Azure DevOps (100h)**
- **AWS Cloud (100h)**: preparation for the Cloud Practitioner, Developer and Solutions Architect certifications

Consultant Infrastructure & DevOps
04/2025 - 10/2025
IPACT Consult inc
La Marsa, Tunisia

Technologies: **Linux · Ansible · Docker · Nginx · Git · Jenkins · Grafana · Prometheus · Azure**

- Rebuilt the entire server infrastructure and system configuration of two startups that had no structured DevOps process.
- Standardized deployment workflows, replacing fragmented individual practices with a single unified pipeline.
- Designed the end-to-end server architecture to support the growth of the engineering teams.

DevOps Engineer
07/2024 - 02/2025
PASS Consulting Group
Remote

Technologies: **JEE · Jenkins · Docker · Grafana · SonarQube · JUnit · Git · K8s · Ansible**

- Hired as a JEE developer, promoted to a DevOps role after building CI/CD pipelines (Jenkins, Docker, SonarQube, JUnit, Git) approved by the German client team.
- Designed and deployed automated deployment pipelines, ensuring consistent software updates across all environments.
- Documented the development phases to ease future maintenance.
- Automated repetitive tasks, increasing team productivity.

Cloud and DevOps Trainer
10/2023 - 07/2024
Clevory Training
El Charguia, Tunis

Cloud & DevOps Intern
02/2023 - 09/2023
Ooredoo Tunisia
Lac 2, Tunis

Technologies: **ViPR SRM · VROPS · HAProxy · NFS · Virtualization · Jenkins · Ansible · Docker · Terraform · Kubernetes · Grafana · Prometheus · Selenium · JMeter · SpringBoot · Neo4j**

- Designed and deployed operational monitoring dashboards for daily platform supervision.
- Created architecture plans ensuring high availability, failover and backup of critical systems.
- Built a contingency-plan automation tool to contain incidents when no engineer is on site.

FINAL-YEAR PROJECT SUPERVISION

- Intelligent security incident response automation tool for Institut Pasteur de Tunis: threat detection, autonomous execution of predefined response playbooks, corrective-action recommendations and detailed remediation guides.
- Computer-vision plant disease detection from leaf photographs - currently being turned into a startup with support from the Ministry of Agriculture.
- Inventory management application with an automation module that contacts suppliers directly when stock runs out, for a veterinary practice - deployed.

PROJECTS

Life OS — Personal operating system

Technologies: **PWA · LLM · Speech input · Netlify Functions · Cloud sync**

- A personal operating system bringing together 7 daily areas (training, notes, tasks, reminders, calendar, groceries, budget): one typed or spoken sentence is turned by an AI into validated actions, with one-tap undo.
- Modular architecture: 3 standalone apps (LifeFit, LifeNotes, LifeWallet) sharing one sync key, each read-only on the others' data.
- LifeWallet: a conversational spending and budget tracker, with financial entity extraction and automatic transaction classification.

Create Life — Self-evolving personal AI

Technologies: **Python · Ollama · Embeddings/RAG · Docker · pytest**

- A self-evolving personal AI run locally: a small local model (Ollama) on CPU that remembers across sessions (a journal, core memories and identity 'islands').
- Recall by meaning, backed by sources, to ground its replies; autonomous web wandering (it reads, keeps what it learns with its source, and leaves notes).
- Bounded self-modification of its own code, kept only if the tests pass, else a guardian restores the last version; immutable core principles and an owner-only kill switch outside the repo.

Thesis ecosystem — Tools for the whole PhD journey

Technologies: **Next.js · PostgreSQL · Prisma · Kubernetes · Helm · NextAuth · FastAPI**

- 4 connected tools for students and supervisors: find a subject and a supervisor, publish the thesis, question your own sources and run the research; microservices deployed on Kubernetes with Helm, 3 open-source repositories.
- ThesisVault (a library with a page per researcher) and ThesisMatcher (subject proposals, applications tracked from pending to accepted, NextAuth).
- ThesisLens: a RAG desktop app that queries your own files in natural language, with answers cited to the page and passage — RAGAS Faithfulness ≥ 0.82 on a 50-question test set, latency < 6 s (95th percentile), zero-cost architecture.

EDUCATION

PhD (Machine Learning)
11/2024 - Present

SUP'Com | Ecole Centrale Lyon

El Ghazela, Ariana | Ecully, Rhône

Engineering Degree, Cloud Computing and DevOps
09/2018 - 11/2023

ESPRIT

El Ghazela, Ariana

Medicine
09/2016 - 07/2019

FMT - Faculty of Medicine of Tunis

Beb Saadoun, Tunis

LANGUAGES

Arabic · Native

English · Advanced - IELTS 7.5

French · Advanced - DALF C1