Mohamed El Masghati

SOFTWARE DEVELOPER

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MOROCCO · OPEN TO OPPORTUNITIES

ABOUT ME

Software developer focused on backend engineering. I design relational models, build Spring APIs, and carry features through to the interface — with validation, permissions, migrations, and clear boundaries. Recently completed an AIOps monitoring internship at Al Akhawayn Data Center.

EXPERIENCE

Software Engineering Intern

MAY — JUL 2026

Al Akhawayn Data Center

- Established continuous monitoring of data centre services, enabling incidents to be identified before they affected end users.
- Structured operational data by purpose — live status for on-call response, historical trends for capacity planning, and past incidents for diagnosis — so each decision drew on the right source.
- Converted raw load forecasts into realistic bounded ranges, giving capacity planning a dependable basis instead of unreliable spikes.
- Delivered a plain-language assistant that allowed on-call staff to query service health from existing metrics and runbooks, reducing investigation time.
- Standardised the platform into a single reproducible environment, simplifying review, testing, and demonstration for the team.

SELECTED PROJECTS

AffiliateLink

Provides a single profile for publishers and advertisers, with administrator approval required before offers and campaigns go live. A controlled pending, active, and suspended lifecycle keeps unapproved partners from promoting offers.

JAVA 17 · SPRING BOOT · SPRING DATA JPA · POSTGRESQL · FLYWAY

Klinikus

Coordinates the clinic handoff: nurses register patients and record vitals, while doctors work from a shared waiting queue. Role-based access keeps each desk within its workflow, and one continuous visit history gives every patient a complete record.

JAVA 17 · JAKARTA SERVLETS · JSP · JDBC · HIKARICP

ClickTrack

Records every short-link redirect as a click, then aggregates performance by link and offer. Campaign results are read from measured traffic rather than estimates, giving teams a reliable basis for decisions.

JAVA 17 · SPRING MVC · JPA / HIBERNATE · POSTGRESQL · JUNIT 5

TECHNICAL SKILLS

BACKEND

JAVA 17 · SPRING BOOT · SPRING MVC · SPRING DATA JPA · SPRING MODULITH · HIBERNATE · REST APIS · JAKARTA SERVLETS · JSP · MAVEN · JUNIT 5

DATA

POSTGRESQL · MYSQL · SQLITE · JDBC · HIKARICP · FLYWAY · REDIS · CHROMADB

FRONTEND

HTML5 · CSS3 · JAVASCRIPT · REACT · TAILWIND CSS · BOOTSTRAP

TOOLS

GIT · GITHUB · DOCKER · POSTMAN · LINUX · TOMCAT

SOFT SKILLS

Communication
Explains technical trade-offs in plain language.

Teamwork
Pairs, reviews, and shares context without ego.

Problem solving
Turns ambiguity into small, testable steps.

Critical thinking
Questions assumptions and weighs trade-offs before committing.

Adaptability
Moves between stack, scope, and domain without losing pace.

Time management
Plans the work and protects the deadline.

EDUCATION

Software Development Programme

2025 — 2027

YouCode · Morocco

Software engineering programme covering software design, data modelling, and web delivery, with a Java and Spring backend focus.

References available on request · Last updated November 2026 · Full project case studies at the portfolio website.