

KARIM CHAOUKI

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ABOUT ME

Motivated Full-Stack Java Developer with a solid foundation in computer science and hands-on experience building scalable web applications using **Spring Boot, Java**, and modern **frontend technologies**. Skilled in designing and implementing RESTful APIs, managing relational databases, and integrating DevOps practices for efficient deployment. Experienced in developing end-to-end software solutions with a focus on performance, maintainability, and clean architecture. A graduate of **UM6P-1337 Coding School**, with a strong passion for continuous learning and innovation in system design, cloud technologies, and software engineering best practices.

CORE COMPETENCIES

Programming Languages: C, C++, Python, Java

Frameworks: Spring Boot, Angular, Vaadin

Web Technologies: HTML5, CSS3, JavaScript

Databases: SQL Server, PostgreSQL, Redis(memory cache)

Tools: Git, GitHub, Postman, JIRA, Confluence, VirulaBox, Vagrant, Docker, Kubernetes, K3s, K3d, Junit5, Mockito

Operating Systems: macOS, Linux, Windows

Other: Strong problem-solving, mentoring junior developers, performance optimization

PROFESSIONAL EXPERIENCE

Full Stack Java Spring Boot Developer – Fekra Systems

Rabat, MA | Apr 2024 – Jun 2026

- Contributed to the design and development of **SAHTY**, a national digital healthcare platform built from scratch under the **Mohammed VI Foundation for Health and Innovation**.
- Developed a comprehensive system managing end-to-end patient care and hospital operations, including:
 - Patient medical records, clinical history, diagnoses, prescriptions, allergies, and treatment plans
 - Appointment scheduling, doctor availability, consultations, hospitalization workflows, and bed/room assignment
 - Laboratory requests and results, radiology orders and reports, medical acts and procedures

- Billing, insurance workflows, and pharmacy dispensation tracking
- Implemented secure dashboards, statistics, alerts, and role-based access controls, ensuring data confidentiality and regulatory compliance across healthcare centers.
- Built a GMAO system for hospital laboratories to manage equipment maintenance and compliance.

Software Developer Intern – CloudLink

Casablanca, MA | Dec 2021 – Feb 2022

- Configured websites and managed deployments on AWS Cloud.
- Supported the development and maintenance of multiple web-based projects.

Software Developer Intern – Ordiproxi

Casablanca, MA | Oct 2021 – Dec 2021

- Created SprintAnnonces.ma and administered TABTEL.ma with continuous maintenance and improvement.

Web Administrator – MondoZenTravel

Casablanca, MA | Sep 2021 – Oct 2021

- Managed and maintained Mihanago.ma and Mihanago.com platforms.
- Performed content updates, troubleshooting, and incident resolution.

ACADEMIC PROJECTS

- **INSEPTION** – Docker-based project to streamline application deployment and collaboration.
- **WEBSERV** – Built an HTTP web server to handle client requests and serve web pages.
- **MINISHELL** – Developed a lightweight shell inspired by Bash, implementing core commands from scratch.
- **PHILOSOPHERS** – Implemented a multithreaded solution to the dining philosophers problem.

EDUCATION

Computer Science Engineering – 1337 School, UM6P, Tetouan Martil | 2022 – 2025

Diploma in IT Development– OFPPT NTIC1, Casablanca | 2019 – 2021

Baccalaureate in Physics and Chemistry– Lycée Aljadidat, Taфраout | 2018 – 2019

LANGUAGES

English: Professional Proficiency

French: Professional Proficiency

Arabic: Native