

# Abderrahmane OUHNA

SOFTWARE ENGINEER – FULL-STACK DEVELOPER

+212 677 873 819

aberrahmane.ouhna@gmail.com

[aouhna.me](http://aouhna.me)

[abderrahmane-ouhna-7480b1153](https://github.com/abderrahmane-ouhna-7480b1153)



## PROFESSIONAL EXPERIENCE

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### SOPHATEL

Full-Stack Software Engineer

Casablanca, Morocco

Mar. 2024 – Present

- **WinDoc:** Development of an AI-based OCR application for converting Delivery Notes (Bon de Livraison).
- **Secret Vault:** Development of a secure system for managing passwords, VPS, and credentials, featuring advanced encryption and seamless access key management.
- **Pharma Inventory:** Design of a pharmaceutical sales and inventory tracking system with multi-tenant management and advanced permissions.
- **AI Agent:** Development of an AI chatbot for enterprise knowledge management, capable of extracting and processing PDF & Excel documents with database interaction.
- Implementation of microservices using **Java Spring Boot** and APIs using **FastAPI (Python 3)**.
- **Technologies:** Java Spring Boot, Python 3, FastAPI, Angular 13, Flutter, Ionic, PostgreSQL, Figma.

### MORINY

Software Engineer

Yiwu, China

Jan. 2023 – Mar. 2024

- **Wadouz:** On-demand service platform **connecting users and professionals**, integrating instant bookings, real-time tracking, and payment management.
- **Moriny CRM:** Development of a **self-hosted CRM**, facilitating client management and the analysis of business performance.
- **UPSER:** Creation of a delivery application with a **modern interface and optimized logistics flow management**.
- **Technologies:** Java Spring Boot, Angular, Laravel 8, Flutter, MySQL, REST API, WordPress.

### IMMAR MAROC

Full-Stack Developer

Casablanca, Morocco

Dec. 2021 – Jan. 2023

- **ePublisher:** Development of a SaaS platform for medical training integrating the SCORM format, allowing healthcare professionals to access interactive training and track their progress in real-time.
- **7s-Loyalty:** Design and development of a loyalty system replacing medical representatives with a remote training program, enabling doctors to earn points and convert them into rewards.
- **EPOCKET:** Development of a financial management application using AI for expense tracking and budget overrun limitation based on user needs.
- **Technologies:** Java Spring Boot, Angular, Ionic, Laravel 8, Flutter, MySQL, REST API, PostgreSQL, Docker.

### ACTANDO

Full-Stack Developer

Casablanca, Morocco

May. 2019 – Dec. 2021

- **Uaxe3D:** Design of a **serious game** in 3D to simulate interactions between medical representatives and doctors, with performance tracking and dynamic **scoring**.
- **Uaxe2D:** Design of a **2D educational game** simulating interactions between patients and doctors, with evaluation of the decisions made by players.
- Development of a **desktop software** for employee management, automating HR administration and reducing processing time by 60%.
- Development of a **stock management application** enabling **optimized supply management** and real-time tracking of product entries and exits.
- **Technologies:** Java/J2EE, Java 8 (JFrame), Unity, Blender, C#, JavaScript, Oracle 11g, Jasper Reports, PostgreSQL.

## EDUCATION

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2022

### Master's Degree (FST Settati)

Engineering in Application Design and Development (**Graduated with High Honors**)

2016

### HASSAN II High School

Scientific Baccaalaureate – Mathematics Option A. (**Graduated with Honors**)

## TECHNICAL SKILLS

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- **Langages** : Java, Python, JavaScript, PHP, C#, Dart
- **Frontend** : Angular 7+, React.js, NextJS, HTML, CSS, Bootstrap, Ionic, Flutter
- **Backend** : Spring Boot, Node.js, Laravel, Symfony, Express.js
- **Base de données** : MySQL, PostgreSQL, Oracle
- **DevOps & Outils** : Docker, Git, Nginx, Jenkins, Linux, Apache Tomcat
- **IA & OCR** : Deep Learning, Pytorch & Tensorflow, FastAPI, OpenCV
- **Design & UI** : Adobe Photoshop, Figma, Illustrator, ...

## LANGUAGE SKILLS

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**French:** Fluent

**English:** Good

**Arabic:** Native

## PERSONAL SKILLS

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Ability to create and discuss new ideas.

Problem-solving skills.

Ability to meet deadlines.

Strong communication skills.

## HOBBIES & INTERESTS

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- Artificial Intelligence & Technological Research
- Reading & Tech Monitoring
- Swimming
- Video Games