Mohamed Essalhi
SOFTWARE ENGINEER

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📍 Madrid, Spain

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More information

- EU Citizen.
- Ready for relocation.
- Immediate Availability.

Languages

Spanish:
Native

English:
B2 Cambridge

Technologies

Python

Spring Boot

NestJS

React (TypeScript)

Docker

Kubernetes

Git

Jenkins

AWS

About me

Computer Engineering with a passion for software development.
Effective communicator, team player and problem solver.
Looking for opportunities to grow professionally and expand my skills in a challenging environment.

Professional Experience

Research Software Engineer
AIR UCLM | September 2024 - Currently

- Development of a telemedicine platform based on mixed reality & 5G for interaction in real-time of medical-staff with specialists for remote diagnosis and support.
- Technologies: React, NestJS, MRTK3

Junior Software Engineer
NTT Data | February 2024 - July 2024

- Design and development of a web application for task scheduling using a cloud computing platform.
- Technologies: Python, Spring Boot, AWS, Flutter, Docker, Kubernetes.

Research Software Engineer Intern
AIR UCLM | October 2023 - January 2024

- Research of fatigue detection techniques with artificial intelligence in rehabilitation patients using virtual reality glasses.
- Technologies: Python, Unity

Academic Data

Master in Big Data Analytics
University Carlos ||| Madrid (UC3M) | 2024-2025
Degree in Software Engineering
University of Castilla-La Mancha (UCLM) | 2020 - 2024

Scientific Publications

Fatigue Detection Model for Upper Limb Rehabilitation in Virtual Reality
4th International Conference on Novel & Intelligent Digital Systems (NiDS 2024). Athens, Greece, September 25-27, 2024.
Best paper award.

An Adaptive Fatigue Detection Model for Virtual Reality-Based Physical Therapy
Information 2025, 16, 148. Multidisciplinary Digital Publishing Institute (MDPI)
DOI: https://doi.org/10.3390/info16020148