




Amine El Mednaoui

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PROFILE

Holder of a Master's degree in Big Data and the Internet of Things obtained from ENSAM Casablanca, I am currently seeking a professional opportunity to apply my skills and contribute to innovative projects. Curious, motivated, and passionate about data-driven technologies, I aspire to join a dynamic organization that allows me to continue learning and growing.

EXPERIENCE

Pre-Employment Internship

Full Stack Development Internship Dec 2025 - Present,

DSI CONSEILS & SERVICES, Casablanca, Morocco

- Design and development of dynamic front-end modules using **Angular**, with a strong focus on user experience and performance.
- Implementation of robust and scalable back-end architectures using **NestJS**.

Master's Final Year Project

BPM Development & ERP Feb 2025 - Aug 2025,
Integration Intern

BG PARTNERS, Casablanca, Morocco

- Digitization of purchasing business processes using BonitaSoft integrated with the Wavesoft ERP.
- Contribution to the drafting of functional and technical specifications, and participation in business workshops.
- Design and modeling of purchasing workflows (requests, approvals, inventory management, quotations) with dynamic business rules and conditional scenarios.
- Custom development in **Java** and business scripts to address complex requirements (stock control, automatic generation of orders and quotations).
- Implementation of interoperability between BonitaSoft and WaveSoft through automated exchanges (consumption orders, quotations, stock updates).
- Monitoring and traceability of purchase requests, supplier quotations, and stock outputs.
- Functional testing and validation.

SELECTED PROJECTS

Brimed Academy – Course Management System

Design and development of a full-stack web application using ReactJS for the front end and Spring Boot for the back end. The platform enables efficient management of students, teachers, courses, schedules, and payments for a tutoring center.

EventGo – Android Application

Development of an Android mobile application dedicated to exploring and tracking events related to the FIFA World Cup 2030 in Morocco. Implementation of features such as event geolocation, detailed descriptions, ticket availability tracking, and interactive maps to enhance the user experience for residents and tourists.

EDUCATION

National School of Arts and Crafts of Casablanca (ENSAMC) September 2023 - July 2025

Master's Degree in Big Data and Internet of Things

Faculty of Sciences Ben M'Sik Casablanca September 2020 - July 2023

Bachelor's Degree in Mathematical Sciences and Computer Science, Database Specialization

SKILLS

Programming

Python, Java, SQL, PL/SQL, C, C++, JEE, ReactJS, Angular, NextJS, NodeJS, ExpressJS, SpringBoot, HTML-CSS-JS

Data Analysis

SQL, Excel, pandas, NumPy, Spark, Hadoop

Machine Learning

Scikit-learn, TensorFlow, PyTorch

Big Data Technologies

Apache Spark, Hadoop, MapReduce, NoSQL

IoT

Arduino, Node-Red

Database Management

MySQL, SQL Server, MongoDB

Version Control

Git

BPM Solution

BonitaSoft

ERP Solution

WaveSoft

Other Tools

Docker, AWS

Soft Skills

Collaboration, Innovation, Leadership, Problem Solving, Time Management

LANGUAGES

- Arabic (Native)
- English (Advanced)
- French (Advanced)

CERTIFICATIONS

AWS Academy Machine Learning Foundations

Machine Learning with Python

October 30, 2024

Professional Scrum Foundation Certification - SFPC™

Scrum Training

May 25, 2024