

# BOUZID ABDELFAH

## Software & Data & AI Engineer

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in BOUZID Abdelattah https://github.com/bouid7



## PROFESSIONAL EXPERIENCE

State engineer first grade at the Ministry of Economic inclusion, Small business, Employment and Skills

### National Labour Market Observatory Directorate

from 01-07-2025 to present Rabat

Data Analyst working on CNSS and HCP databases, also responsible for building an intelligent AI agent based on a RAG system and Elasticsearch (hybrid architecture), leveraging reports and Excel files to assist decision-makers.

Technical Consultant|Microsoft Dynamics 365|Business Central at Inetum

### Inetum

from 02-06-2025 to 30-06-2025 Inetum-Casablanca

Designs, customizes, and deploys ERP solutions to streamline and optimize a client's business processes.

Internship: At CustomLib as a OneStream XF Consultant

### CustomLib

from 01-03-2024 to 31-08-2024 CustomLib-Casablanca

Development of an EPM(Enterprise Performance Management) Reporting Application to Optimize the Client's Financial Performance.

Internship: At Digency as a Full stack developer

### Digency

from 01-07-2023 to 28-08-2023 DIGENCY-RABAT

UI development of a mobile application for a restaurant using Flutter.

Internship: Using the MARS questionnaire to evaluate mobile oceanography applications .

### ENSIAS

August-October 2023 ENSIAS

Quantitative and qualitative evaluation and analysis using python and Plotly Dash.

Internship: at Crest Learn as a web developer.

### Crest Learn

August-October 2022 Rabat

Development of a tool allowing the configuration of forms by an administrator by introducing the Google Analytics API by Laravel v9.

## SCHOOL CAREER

State Engineering Diploma in Data Science, IoT, Mobile Web Engineering

### ENSIAS, National School of Computer Science and Systems Analysis

2021-2024 Rabat

B.Sc. in Mathematical Sciences and Applications

Faculty of Sciences, Dhar El-Mahraz, Fez (2018-2021)

## SKILLS

- ERP Skills :
  - Odoo
  - Microsoft Dynamics 365 | Business Central
- EPM Skills :
  - OneStream XF VB.NET
  - Finance Web Services
  - Financial Reporting Financial Analysis
  - OneStream Cloud Development
- Database and Modeling :
  - SQL SQL Server MYSQL
  - MARIADB FIREBASE BaseX
  - Merise UML
- System Administration :
  - Unix/Linux Windows Oracle
  - Microsoft SQL Server
- Programation :
  - Python R PHP java C
- Web development: BACKEND
  - PHP POO native Laravel v9
  - JEE (Java Enterprise Edition)
  - Spring Boot v3 Xml
- Web development: Front-end
  - Html Css Bootstrap Javascript
  - Jquery AngularJs ReactJs
- Mobile development:
  - Android Java Xml
- Data:
  - Machine learning Deep learning
  - talend open studio(Datawarehouse)
  - Data Analysis : Regression - PCA
- Modeling 3D - Gaming :
  - Unity
- DevOps :
  - git github Jira Software jenkins
  - Docker Docker composer

## LANGUAGES

- Arabic Native language
- French Native language
- English Advanced

## HOBBIES

Football Chess Reading

📅 2018-2021

📍 Fez

## Bachelor of Mathematical Sciences A

Qualifying high school IMAM CHOutaibi Ghafsai

📅 2017-2018

📍 Ghafsai

## ACADEMIC PROJECTS

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- The development of DApps (decentralized applications) about Generic Patient-Centered Blockchain-Based Electronic Health Record (EHR) Management System (E-Health).  
**Technologies:** Blockchain | Ethereum | Smart Contract | Solidity | AngularJS | TypeScript | NodeJS | WEB3  
2023
- The deployment of an emotion detection recognition model.  
**Technologies:** Deep learning | CNN | Streamlit | tensorflow | Python | librosa  
2023
- The deployment of a plagiarism detection model.  
**Technologies:** Machine learning | NLP | Text Mining | Python | Bert | Word2Vec | Bag of words | N-grams  
2023
- Deploying a web application for car management in the parking lot .  
**Technologies:** Spring Boot | Docker | Docker Composer | ReactJs | JPA | Swagger  
2023
- Employees management web site .  
**Technologies:** Spring Boot v3 | Hibernate | Mysql | thymeleaf | Lombok  
2023
- A mobile application which controls the humidification system, manages the plants in the greenhouse | IoT project.  
**Technologies:** Android | Java | Xml | MVC | Arduino | Raspberry pi 4 | Cloud:Firebase  
2023
- Mobile App about contacts management .  
**Technologies:** Android | Java | Xml | MVC  
2023
- Network web site about announcement .  
**Backend:** JEE- MVC architecture | **Frontend:** Html-Css-Bootstrap.  
This project offers the user to publish his advertisements and he can contact all the other advertisers, it also offers him a private space reacting to the advertisements.  
2023
- E-commerce web site .  
**Backend:** PHP NATIVE POO | **Frontend:** Html-Css-Bootstrap.  
This project offers many features for the user such as product management, payment,... to facilitate online commerce.  
2022