

Abdeladime Benali

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PROFILE

Skilled data engineer with robust expertise in Python development, web scraping, and data systems. Proficient in leveraging AI and machine learning techniques to architect scalable solutions across backend development, data analysis, and predictive modeling, with strong programming skills in Python, SQL, and JavaScript..

EDUCATION

National Institute of Posts and Telecommunications

Rabat

Data Engineering

Aug. 2023 – 2026

Math and Physics Preparatory Classes

Kenitra

Ranked 133 out of 3200 candidates.

Aug. 2021 – May 2023

EXPERIENCE

• Software Engineer Intern

Jun 2024 – Jul 2024

During my internship at 4D, I developed a flow-based programming (FBP) editor, integrating web scraping and API technologies with React, TypeScript, Redux, and ReactFlow. The project involved building robust data extraction and integration solutions, enhancing editor functionality through advanced frontend development techniques and Tailwind CSS.

PROJECTS

Job Recommendation Website | *Selenium, MongoDB, Spark, Docker*

- Developed a job recommendation website with advanced web scraping functionality, extracting job listings from three key platforms: Rekrute.com, Anapec, and Emploi.ma Implemented sophisticated data collection techniques, including proxy rotation to overcome CAPTCHA challenges. Utilized Scala for daily data analysis and personalized job recommendations based on user CVs, ensuring up-to-date and tailored job insights.

Stock Price Prediction | *Machine Learning, Python, NASDAQ, Real-time*

- Built a machine learning model using real-time NASDAQ stock data to predict stock prices. This project involved Python and machine learning libraries to forecast trends and optimize investments.

Complete Predict Pro System | *Machine Learning, AI, React, Django, PostgreSQL*

- Developed a platform with AI-powered features, such as player transfer price predictions, real-time match results, and a GAN for generating images from text prompts. The frontend uses React, and the backend is built with Django, DRF, and PostgreSQL.

Complete Medical Office Management Platform | *React, Tailwind CSS, Django, DRF, PostgreSQL*

- Developed a web platform for managing and digitizing medical offices. The frontend was built using React and Tailwind CSS, while the backend uses Django and DRF with a PostgreSQL database. This solution helps clinic owners manage their operations online.

TECHNICAL SKILLS

Programming Languages: Java, Scala, Python, SQL, JavaScript

Data Engineering: HDFS, MapReduce, Spark, Kafka, Airflow, Hadoop

AI Tools: Linear Regression, NLP, PyTorch, Generative AI **Databases:** PostgreSQL, MongoDB, HBase

Web Scraping : Selenium, BeautifulSoup, Requests , Xpath

Frontend Technologies: React, Tailwind CSS, React Flow

Backend Technologies: Django, Django REST Framework (DRF)

Developer Tools: Git, Docker

LANGUAGES

English: Fluent **French:** Fluent **Arabic:** Native speaker