GHOUZALI AYOUB

Junior Full-Stack Developer

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PROFILE

Software Engineering student at ENSIAS, passionate about full-stack development. Experience with React/Spring Boot and modern architectures. Seeking a 6-month internship in web development.

PROJECTS

Intelligent Recruitment Platform

React.js, Spring Boot, PostgreSQL, TensorFlow

- AI platform automating candidate-job matching with NLP and recommendation algorithms
- Full-stack application with RESTful API for authentication and ML scoring of candidates
- Integration of TensorFlow models for CV analysis and skills extraction

CosmoTracker - Astronomy Web Application

Spring Boot, React.js, PostgreSQL

- Interactive platform for tracking celestial events with real-time visualization
- Responsive interface with dynamic charts and event calendars
- RESTful API for profile management, subscriptions and celestial objects database

Urban Transport Management System

Spring Boot, React.js, PostgreSQL, MongoDB, Apache Kafka, Docker

- Microservices architecture for managing routes, buses and trips.
- Distributed backend with asynchronous communication via Kafka and polyglot databases.

Career and Salary Predictor

Python, Scikit-learn, Pandas, Streamlit

- ML model predicting optimal roles and salaries based on academic background and market trends
- Regression models on 10,000+ data points achieving 85% accuracy
- Interactive web interface with Streamlit for real-time predictions

EXPERIENCE

Software Engineering Internship

DTR

June 2025 – September 2025 | Remote

- Internal web tools for research data management with Spring Boot and PostgreSQL

Data Analysis Internship

CNRST - National Center for Scientific and Technical Research

June 2024 – July 2024 | Rabat, Morocco

- Analysis of 10,000+ HPC cluster logs with Python and R for performance optimization

TECHNICAL SKILLS

Backend

Spring Boot | Node.js | Python | Express.js | Django

Frontend

React.js

API

REST

Mobile

Flutter

Database

PostgreSQL | MongoDB | MySQL

ML/AI

TensorFlow | Scikit-learn | Langchain

DevOps & Tools

Git | GitHub | GitLab | Docker | CI/CD

EDUCATION

National School of Computer Science and Systems Analysis (ENSIAS)

Mohammed V University

Sept 2023 – Present

CERTIFICATIONS

IBM – Introduction to Artificial Intelligence

Fundamental AI concepts, ML workflows, neural networks and ethics.

LANGUAGES

English: (Advanced)

French: C2 (Advanced)

Arabic: Native