# Mahmoud Al-Jaziri

*DJANGO | FRONTEND DEVELOPER | PYTHON DEVELOPER | FREE LANCER*

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in Mahmoud Al-Jaziri

## 🪪 PROFILE

I'm a computer science graduate from the Arab International University. Over the past 5 years, I've worked on various projects. My passion lies in coding, and I've learned several programming languages, including Python, HTML, CSS, JavaScript, PHP, Java, C#, and C++.

Additionally, I've delved into the fascinating world of machine learning. I've completed projects in this field, exploring data, building models, and solving real-world problems. Currently, I'm diving deeper into web development.

Solving problems and delivering high-quality solutions excites me. I'm always eager to learn and explore new things in the ever-evolving IT field.

## 🎓 EDUCATION

**Bachelor of Applied Science - BASc , Computer and Information Sciences and Artificial intelligence**
*Arab International University*
2018 – 04/2024 | Damascus, Syria
**computer science , specialized in artificial intelligence.**

**Programming with JavaScript**
*Meta* ⌞⌝
an online course authorized by Meta and offered through Coursera.

**Introduction to Front-End Development**
*Meta* ⌞⌝
an online course authorized by Meta and offered through Coursera.

**HTML and CSS in depth**
*Meta* ⌞⌝
an online course authorized by Meta and offered through Coursera.

## 🌐 LANGUAGES

**English**   **Arabic**

## 📁 PROJECTS

**asr-speech to text model**
I fine-tuned the Whisper ASR (Automatic Speech Recognition) model using the Common Voice dataset in both Arabic and English. Additionally, I extracted segment-level timestamps for precise alignment.

The results are promising:

- For English data, my fine-tuned model achieves an impressive 13% word error rate.
- When applied to Arabic data, the model maintains a respectable 43% word error rate.

You can find the model on Hugging Face using the following link :

https://huggingface.co/Subcold/whisper-small-preprocessed-en

**WEB CRAWLING AND SEARCH ENGINE**
In this project, I developed a web crawling system coupled with a powerful search engine. Here are the key components:

Web Crawling:

The crawling process systematically visits web pages, extracting relevant information.
It collects data from various sources, building a comprehensive index.

Inverted Index:
I constructed an inverted index, which efficiently maps terms to their corresponding documents.
This index accelerates search queries by allowing rapid access to relevant documents.

Search Functionality:
Users can input search queries.
The search engine employs either the TF-IDF (Term Frequency-Inverse Document Frequency) or PageRank algorithms to retrieve relevant search results.

Users receive accurate and contextually appropriate information based on their chosen search algorithm.
By combining web crawling, indexing, and advanced search techniques, this project empowers users to explore the vast web efficiently. 🌐🔍

**Anteiku-CMS**
I've developed a robust customer management system tailored for coffee shops. This system efficiently handles order management and inventory control. Here are its key features:

Order Management:
Seamlessly manage customer orders, ensuring timely delivery and
accurate tracking.
Handle order modifications and cancellations.

Inventory Control
Keep track of coffee supplies.

User Role-Based Permissions & Authentication:
Implement secure access control with role-based permissions.
Define user roles (e.g., admin, staff, customer) and restrict access to specific features accordingly.

Passowrd Reset:
Using SMTP Protocol

User Profiles:
Each user has a personalized profile with relevant information.
Profiles include order history, and contact details.
By combining these features, the Coffee Shop Customer Management System streamlines operations, enhances customer experience, and ensures efficient inventory management. 🚀☕

**machine learning sales prediction model for restaurants**
predict business monthly sales using time series analysis in machine learniing written in python

**machine learning price recommendation model**

**sound kit expert system**

## 🧠 SKILLS

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|---|---|
| The ability to learn and adapt to a new skills | ● ● ● ● ● |
| english conversation skills | ● ● ● ○ ○ |
| Successful working in a team environment, as well as independently | ● ● ● ○ ○ |
| The ability to work under pressure and multi-task | ● ● ● ○ ○ |
| The ability to follow instructions and deliver quality results | ● ● ● ○ ○ |
| Python , HTML , CSS , JavaScript , php , java , C# , C++ | |
| Machine learning | ● ● ● ○ ○ |