Ben Megal Abd El Rahmen

Full Stack Web Developer

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SUMMARY

Over the past 3 years, I've developed a strong passion for coding, specializing in full-stack development and machine learning. I'm always eager to learn, grow, and enhance my technical skills as I strive to solve real-world problems and make a meaningful impact.

SKILLS

JavaScript, Python, Java, C, Assembly, HTML, CSS, React.js, Tailwind CSS, Redux Toolkit, restAPI, Zustand, Axios, Node.js, Express.js, MongoDB, JWT tokens, SQL, NumPy, Pandas, Matplotlib, scikit-learn (sklearn), PyTorch, Git/GitHub, Machine Learning / Deep Learning / Natural Language Processing, Prompt Engineering.

LANGUAGES

- Arabic (Excellent)
- English (Good)
- French (Awesome)

CERTIFICATIONS

- Fundamentals of Deep Learning by NVIDIA

EDUCATION

Mohammed El Bachir El Ibrahimi university

- Bachelor of Computer Science (2021-2024)
- master's degree business intelligence (2024-2026)

PINNED PROJECTS

E-Commerce Project

- This is a full-stack eCommerce application built with React, Tailwind CSS, Redux, Express (Node.js), and MongoDB. The project aims to provide an online shopping experience with features such as authentication, product listing, cart management, and an admin panel for managing orders and products check it here .

English to Arabic Translator

- This repository contains a Jupyter Notebook that demonstrates building a translation model from scratch to convert English text to Arabic. The notebook inside is designed to guide users through the process of preprocessing, model training, and evaluation (i used pytorch and pandas).

Real Time Chat App

- This is a real-time chat application built with MongoDB, Express.js, React, Node.js , Socket.io. It supports both private messaging and group chat functionality. The app also includes features like user authentication, real-time notifications, and a basic friendship system RepoLink.

AI Image Generator App

- This is a web application that enables users to generate images based on a given prompt. For the frontend, I utilized React.js, while the backend is powered by Express.js, and MongoDB serves as the database. I integrated OpenAI's DALL·E model using their provided API RepoLink.

Machine Learning Models from Scratch

- This repository provides Python implementations of several fundamental machine learning algorithms built from scratch. The goal is to demonstrate the core principles behind these algorithms and help users understand how they work under the hood, without relying on high-level libraries .