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Youssef Said

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Summary:

Passionate Full-Stack Developer with experience in .NET, Node.js, React, and Angular. Skilled in designing and developing scalable web applications and APIs, with a strong focus on Backend development. Adept at working across the full development lifecycle, from planning and architecture to implementation and optimization. Always eager to learn and adopt new technologies to drive continuous improvement. Seeking opportunities to leverage my Backend expertise in a dynamic, growth-oriented environment.

WORK EXPERIENCE

Ibnsina Pharma:

Full-Stack Developer

July 2024 – April 2025

- Worked on their **Pharmacy Management System** project using **Electron and React**, significantly improving its performance.
- Contributed to the **Supplier Portal** projects:
 - .NET & Angular version** – Enhanced and maintained key features.
 - .NET & React version** – Implemented improvements and bug fixes.
- Worked on the **B2B project**, ensuring seamless functionality and performance optimization.
- Gained hands-on experience with **.NET and Node.js**, developing Rest-APIs using both technologies.
- Expanded expertise in **React and Angular**, applying them in real-world projects.

Projects

AI-Based Personalized Nutrition Recommendation System (GP):

Developed an advanced AI recommendation system for personalized meal suggestions, integrating content-based filtering with a neural network model to enhance accuracy and relevance.

Key Responsibilities:

- Conducted data preprocessing, including ingredient extraction and dietary labeling.
- Implemented content-based filtering using cosine similarity.
- Developed and trained a neural network to classify meals.
- Designed and developed the backend with Express.js.
- Managed the database using Prisma.

Technologies and Tools:

- Python, Pandas, NumPy
- NLP
- TensorFlow
- Express.js
- Prisma Orm

- **Event Scheduler :**

Application made to schedule events and organize it using C++ and Data Structures using array list to store the data and remind the user of the upcoming closest event and view it in a simple layout in console application

- **Cancer Prediction :**

A supervised machine learning model used to predict whether the person has cancer or not using models such as: SVM , Linear Regression

- **Mobile Store Website :**

An e-commerce website built using : HTML , CSS , JavaScript , it's a prototype to simulate an e-commerce website such as : amazon , noon , b tech , etc ... and have different sections for different manufacturers

- **Black Jack Game :**

A game built using : Java , OOP Concepts as the user get to choose either to hit to add a card to his deck or to stand to end his turn and wait for the opponent's turn in the end the game calculate the score of each player based on the cards in his deck to determine the winner and made with simple gui so the user can interact with it

- **Topic Modelling :**

A machine learning model used to determine the text similarity between articles using regex to clean the data and remove unnecessary words and use methods like TF-IDF and count vectorizer to convert textual data to vectors and compare similarity between them and use K-Means to cluster the similar articles the project was made with python and libraries like nltk

Languages and Technologies

- **Programming Languages :** Node Js , Java , JavaScript , C# , Dart , Html , Css , Python ,C++

- **Technologies :** Asp.Net Core , Express js , React , Angular, Entity Framework , Sequalize , Electron

- **Concepts :** Rest-Apis, SOLID Principles, Design Patterns,Data Structures , OOP , Algorithms , Problem Solving , Authentication & Authorization, Version Control

- **Database :** MySQL , Oracle , Mongo Db , Sql Server ,ORM

- **Languages :** Arabic (Native) , English (Very Good)

EDUCATION

Oct 2020 – June 2024 Bachelor's Computer Science at Ain-Shams University , Egypt

Degree: Very Good with Honors Degree