

MOHAMED SHAHIN HASSAN

Software Engineer

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Egypt

exemption

SUMMARY

Ambitious software engineer with a strong background in web development and Data Science currently looking for Professional Job opportunities eager to learn more and expand my knowledge in software developing field, like to keep myself busy learning and finding new things to be explored (a day wasted is a day when you didn't feed your brain)...

EDUCATION

Bachelor's degree in Data Science

Faculty of Computing and Data Science

2019 - 2023 Alexandria University

GPA

3.35 / 4.0

EXPERIENCE

Software Development Intern

RMZ TECH

08/2021 - 09/2021 Alexandria

- Focused on technical process and project management skills in Agile Methodology.
- Integrated database functionality using PHP Laravel in a frontend project, enhancing user experience.
- Building a bookstore website based on software engineering models and practices.

Data Science Intern

Nawah.ai

07/2022 - 09/2022 Alexandria

- scrape data from website, merge multiple datasets, clean the data, and derive insights from it.
- Building an E-commerce Customer Transactions project using Pandas, NumPy, Seaborn, and Matplotlib (re library)
- Building Amazon Food Review project using Scikit Learn and Streamlit Framework

Data Analyst

Upwork · Freelance

2023 - Present Online

- Analyzed data using R to obtain insights to help the client.
- implemented regression models and clustering to test hypotheses
- writing a report to show the cleaning, visualization & modeling efforts

SKILLS

PHP

Laravel

Html

Css

javaScript

TypeScript

Bootstrap

MYSQL

SQL

Oracle APEX

PL/SQL

APIs

React.js

jQuery

AJAX

Git

Problem Solving

Python

R

NodeJS

Java

Data Structures

Power BI

oop

Data Visualization

Agile Methodology

STRENGTHS



Problem solver



Communication



Self-driven



willing to learn



Teamwork

LANGUAGES

Arabic

Native



English

Proficient



PROJECTS

Stock Price Prediction Web App (Graduation Project)

- Took complete responsibility for the web development phase, driving the creation of a robust stock price prediction application.
 - Crafted secure user authentication using sessions and cookies, as well as developing backend APIs for critical functionalities, including admin controls for adding, removing, and editing stocks, watchlist management for the signed users.
 - Effectively managed the database modeling using MongoDB, ensuring seamless data flow for the application.
 - Other features in the project were LSTM-based stock price prediction and real-time price visualization
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Ecommerce Website

- User Registration and Authentication: Implementing secure user registration and authentication functionalities.
 - Product Catalog Management: Developing features to add, edit, and products with details.
 - Shopping Cart Functionality: Creating a shopping cart system for users to add, update, and remove items.
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Study Buddy Website

- Implementing secure user registration and authentication functionalities
 - include computer science roadmaps such as Data Science, Python, Android, along with books like Data Science, Machine Learning, and Web Development.
 - Add articles with simple videos to clarify the content and Contact us if you encounter a problem
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Power BI Real-Time Dashboard

- Real-time data was imported from SQLite and connected to Power BI via the ODBC server.
 - Twitter data was scraped to understand behavior regarding flight airlines
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Java RMI and Multithreading

- The Java applications were connected using RMI, with one application serving as the front-end (GUI) and the other as the backend.
 - The backend leveraged threads to enhance performance.
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Sentiment analysis using r

- The ultimate aim is to build a sentiment analysis model and identify the words whether they are positive,negative,and also the magnitude of it by using Naive Bayes classifier .
by using Naive Bayes classifier .
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Pneumonia Detection using CNN

- Enhanced specific image features using convolutional filtering, ReLU activation for feature detection, and maximum pooling for image condensation
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Real Estate hub (Oracle APEX)

- using Oracle APEX involves creating a database driven web application that allows users to manage and view real estate listings

CERTIFICATIONS

[Egypt FWD](#)

WEB DEVELOPMENT CHALLENGER TRACK

[Udemy](#)

HTML&CSS And JavaScript

[Coursera](#)

Introduction to Back-End Development

[Coursera](#)

API

[Linked in](#)

Oracle APEX

[Linked in](#)

Python for Data Science

[RMZ](#)

Software development training

[Free Code Camp](#)

Data Analysis with Python

[Banque Misr](#)

Internship