Karim Mohammed Aboelazm

Python and full stack web developer

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Objective:

Willing to work as a professional developer and use my information technology skills. Improve them, while contributing in my organization's success and future growth. Keep learning modern information technology and improve myself. Interesting in the position of software developer at a company. To incorporate working knowledge of customized software design and developer and coding along with honing my skills and contributing towards augmenting the reputation of the company.

Education:

2017 – 2021	Faculty of computer and informatics,
	Computer science Department (CS),
	Zagazig University, Egypt,
	Graduation project grade: Excellent

Technical Skills:

Programming:

Python [Machine Learning], Java, Django, MVC, Deep Learning, TorchNN, Tensor Flow

Database:

MySQL, Django Administrator, Monogo, Postgres

Web Technologies:

HTML 5, CSS 3, Bootstrap, JavaScript, jQuery, JSON, REST API, Flask, Django

Mobile Technologies:

Android Studio, Flutter

Concepts:

Object oriented programming, Operating system, Software engineering
Algorithms, Data structure, Machine learning, GitHub, GitLab, Streamlet, Tkinter

Projects:

[1] Web Projects

Job board website

Website that provides jobs for who're not have jobs
Technologies: Html, CSS, Bootstrap, JavaScript, python, Django Framework, MVC, SQL Server
Project URL: **https://github.com/karim-aboelazm/JobBoard**

Stock prediction website

This web based on find the prediction of companies' stocks
Technologies: Html, CSS, Bootstrap, JavaScript, python, Django Framework, MVC, SQL Server, fast api, Yahoo server, Trading View, Machine learning, Deep learning
Position: My Graduation Project
Grade: Excellent
Project URL: **https://github.com/karim-aboelazm/Stock_Prediction**

Kogo E-commerce Website
This website for buying products with credit.

Technologies: Html, CSS, Bootstrap, JavaScript, Python in Backend Using Django Framework. Database

RestApi: Using Django Rest Api and making api documentation,

Project URL: https://github.com/karim-aboelazm/my-souq

Bone - X website
This web based on find the position of broken part in arm

Technologies: Html, CSS, Bootstrap, JavaScript, Python, Django Framework, MVC, SQL Server, fast api, Machine learning, Deep learning

Project URL: https://github.com/karim-aboelazm/BONE-X

[2] Python Projects

Playlist YouTube downloader program
Program that helps student to download full course from YouTube as a play list by copying the URL and paste it on the program

Technologies: Python, YouTube.dl, Pytube

Project URL: https://github.com/karim-aboelazm/python-youtube-downloader

Python Translator
Translation programs have evolved to become more sophisticated and incorporate more features. These can include anything from machine translation, where text is translated automatically without any human input, to expansive translation memories and real-time collaboration tools that help translators work consistently and deliver projects faster

Technologies: Python, google translate, Tkinter

Project URL: https://github.com/karim-aboelazm/python-translator

True caller
developed that finds mobile number details globally given a telephone number, whom are either using this app or their synced contacts and has an integrated caller ID service to achieve call-blocking functionality and social media integration to keep the phonebook up-to-date with pictures and birthdays. In addition, it is a software for all advertisers, developers, and businesses around the world

Technologies: Python

Project URL: https://github.com/karim-aboelazm/TrueCaller

Pdf Reader (E-book)

And now, to finish off the list, we have Power Text to Speech Reader, yet another alternative among the PDF audio readers that lets you convert all text files into the MP3 format. It is even available for older Windows versions, such as 7 and 8. The app also reads text files and webpages out loud and offers multi-language support. To learn more about this software

Technologies: Python, pytts3, Pdf2

Project URL: https://github.com/karim-aboelazm/Pdf_Reader_With_Python

[3] Machine Learning Projects

House Price Prediction

This project for predicting the price of houses, depends on the population of the places using linear regression and gradient descent method to find the best fit line for prediction and using data set from Kaggle site

Technologies: Python, Machine Learning

Project URL: https://github.com/karim-aboelazm/MI_HomePrice_prediction

AI Voice Assistant

A virtual assistant, also called AI assistant or digital assistant, is an application program that understands natural language voice commands and completes tasks for the user. Such tasks, historically performed by a personal assistant or secretary, include taking dictation, reading text or email messages aloud, looking up phone numbers, scheduling, placing phone calls and reminding the end user about appointments. Popular virtual assistants currently include Amazon Alexa, Apple's Siri, Google Assistant and Microsoft's Cortana -- the digital assistant built into Windows Phone 8.1 and Windows 10

Technologies: Python, Machine Learning, Deep Learning, TorchNN, Neural network, speech recognition, Nltk, Json DataSet, Pyttsx3

Project URL: https://github.com/karim-aboelazm/Ai-Voice-Assistant

Dr News

Internet is one of the important inventions and many persons are its users. These persons use this for different purposes. There are different social media platforms that are accessible to these users. Any user can make a post or spread the news through these online platforms. These platforms do not verify the users or their posts. So, some of the users try to spread fake news through these platforms. This fake news can be a propaganda against an individual, society, organization or political party. A human being is unable to detect all these fake news. So, there is a need for machine learning classifiers that can detect this fake news automatically. Use of machine learning classifiers for detecting the fake news is described in this systematic literature review.

Technologies: Python, Machine Learning, Deep Learning, TensorFlow, Sklearn, DataSet, Nltk
Project URL: https://github.com/karim-aboelazm/DrNews

Dr Plants

The agriculturist in provincial regions may think that it's hard to differentiate the malady which may be available in their harvests. It's not moderate for them to go to agribusiness office and discover what the infection may be. Our principal objective is to distinguish the illness introduce in a plant by watching its morphology by picture handling and machine learning

Technologies: Python, Machine Learning, Deep Learning, TensorFlow, Sklearn, DataSet, Keras

Project URL: https://github.com/karim-aboelazm/Drplants

Automate Resume Screening

As online recruitment grows in popularity, traditional hiring practices are becoming ineffective. Traditional methods typically entail a time-consuming process of manually going through all the applicants, reviewing their resumes, and then establishing a shortlist of candidates who should be interviewed. In us technological age, job searching became both wiser and more accessible. Companies receive a large volume of resumes, many of which are poorly formatted. Typical job posting on the Internet receives a flood of applications in a short period of time. Manually screening resumes is impractical because it takes a long time and incurs significant costs that hiring companies cannot afford. Furthermore, the process of screening resumes is unjust because many qualified candidates are not given the attention they deserve. This may result in the hiring of unsuitable candidates or the rejection of qualified candidates. In this book, we describe a solution that aims to solve these problems by automatically suggesting the best candidates based on the job description. Finding qualified candidates for an open position can be difficult task, especially when there are many applicants. It can obstruct team progress in terms of getting the right person at the right time. An automated method of "Resume Classification and Matching" could greatly simplify the time-consuming process of fair screening and shortlisting, as well as speed up the candidate selection and decision-making process. We work to identify the resumes closest to the job description provided using K-NN algorithm. Although companies regularly receive thousands of resumes for each job posting and hire dedicated screeners to narrow down the pool of qualified applicants. We introduce prospect in this book as a decision support tool to assist this shortlist of screeners in resume work efficiently. In addition, we use information retrieval techniques to categories all applicants for a specific job. We're working on making the scanning process easier more efficient.

Technologies: Python, Machine Learning, Deep Learning, TensorFlow, Sklearn, DataSet, Keras, KNN, Resume Parser, Streamlet, Database

Project URL: https://github.com/karim-aboelazm/Automate-Resume-Screening

Languages:

Arabic (mother language)
English (very good)

Certifications:

Huawei in artificial intelligence, Udacity in web full stack, FWD Udacity in web full stack
Linked-in in JavaScript, Linked-in in python, ICDL, Coursera in Data Structure,
Coursera in Python, Hacker rank in Python, Data Science

Soft Skill:

Communication, Empathy, Patience, Open-mindedness, Adaptability, Critical thinking, Creativity, Confidence, Teamwork and collaboration, Eagar to learn, Time management,

Personal Info:

Date Of Birth: 10 / 12 / 1998

Nationality: Egyptian

Military Status: Exempted

Marital Status: Engaged