Muhammad Galhoum

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Python developer

- *I'm seeking an opportunity to participate in a competitive and creative environment where I can use my background in software development.*
- *My passion is to use technology-based solutions to help solve real-world challenges.*
- *Coding addict, trying hard to make clean, responsive web applications.*
- *I build technical products which are deeply connected with customer needs.*

CORE PROFICIENCIES

– *Python*	– *PostgreSQL / SQLite3*	– *Git and GitHub*
– *Django / DRF*	– *HTML5 & CSS3*	– *AWS (S3, EKS, EC2)*
– *Flask*	– *Bootstrap*	– *Kubernetes*
– *Restful API*	– *JavaScript & jQuery*	– *Docker*
– *Odoo*	– *React*	– *ChatGPT*
– *XML*	– *Bash Script*	– *Postman / curl*
– *SQL*	– *RedHat Admin I*	

CERTIFICATIONS

Full Stack Web Developer (Udacity Nanodegree Program)   From 24 May to 13 Sept 2023

Full Stack Web Development using Python (ITI)   From Aug 2021 to Dec 2021

Front end Nanodegree program (Udacity)   From Aug 2021 to Dec 2021

Experience

Python Developer at OdooTec Company   From July to Present

Coding Easy   From Mar to May 2023

https://github.com/arpit456jain/CodingEasy

- *I was a contributor to open-source projects in the GSSoC'23 (Girl Script Summer of Code) program and ranked 21 on the Leaderboard.*

Note: I have been involved in many open-source projects, but this is the biggest project in which I have been involved.

PROJECTS

Fyyur (The 1st project in the Nanodegree Udacity program)

https://github.com/muhammadgalhoum/Fyyur

- *Fyyur is a musical venue and artist booking site that facilitates the discovery and booking of shows between local performing artists and venues. This site lets you list new artists and venues, discover them, and list shows with artists as a venue owner.*

Trivia (The 2nd project in the Nanodegree Udacity program)
https://github.com/muhammadgalhoum/Trivia

- *Trivia is a dynamic web app that offers a wide range of features for trivia enthusiasts. Users can explore and paginate through an extensive question database, filter questions by category, and search for specific terms. They can also add new questions to expand the collection. Engaging quizzes allow users to test their knowledge, while the delete feature provides control over questions. Enjoy interactive trivia experiences and endless learning opportunities with Trivia.*

Coffee Shop (The 3rd project in the Nanodegree Udacity program)
https://github.com/muhammadgalhoum/coffee_shop

- *In this project, we used RBAC (Role Based Access Control) where we have different roles with different permissions. Also, we wrote API Docs for this project.*

Deploying a Flask API to the AWS (The 4th project in the Nanodegree Udacity program)
https://github.com/muhammadgalhoum/FSND_AWS_Project

- *In this project we will containerize and deploy a Flask API to a Kubernetes cluster using Docker, AWS EKS, CodePipeline, and CodeBuild.*

Casting Agency (The Last project in the Nanodegree Udacity program)
https://github.com/muhammadgalhoum/FSND

- *The Casting Agency models a company that is responsible for creating movies and managing and assigning actors to those movies. I'm an Executive Producer within the company and am creating a system to simplify and streamline my process.*

E-commerce website using Django
https://github.com/muhammadgalhoum/e-commerce

- The user can log in, sign up and sign out (Authentication).
- We have two different payment methods on our website (PayPal, Credit card).
- The user can buy products whether he logged in or not.
- Only the admin can make the main CRUD operations on the Products and access the admin panel.
- The user will have a profile after registering on the website.
- The user can reset his/her password, update his/her profile, and delete his/her account.

Blog website using Django.
https://github.com/muhammadgalhoum/Blog-using-django

- The user can log in, sign up and sign out (Authentication).
- We have three roles in our Blog (Admin, Staff, and visitor).
- The admins are the only ones who can access the admin panel and make any changes to it or the blog.
- The Admin and the Staff are the only ones who can create, update, and delete posts and categories.
- All the users can like the posts and comment on them.
- The user can search for any post by writing a post title or any word of post content.
- The user can send us any feedback and subscribe to blog newsletter.
- The user will have a profile after registering on the website.
- The user can reset his/her password, update his/her profile, and delete his/her account.

To Do List app using Django.
https://github.com/muhammadgalhoum/To-Do-app

- The user can log in, sign up and sign out (Authentication).
- The idea of this app is based on the Eisenhower matrix.
- Each user has a unique home page that contains his/her tasks.
- The user can make the main CRUD operations only on his/her tasks.
- The user can change the task status.
- We have three colors for the task status (Green, yellow, and Red).
- The green color for completed and the task title will be italic.
- The yellow color means that the task deadline will terminate after 24 hours or less than 24 hours.
- The red color means that the task deadline has already passed.
- The user will have a profile after registering on the website.
- The user can reset his/her password, update his/her profile, and delete his/her account.

Crowd Funding App using Django (ITI Course project)
https://github.com/muhammadgalhoum/crowdFunding-v1

- The user can log in, sign up and sign out (Authentication).
- The user can make the main CRUD operations only on his/her projects.
- The user can search for any project and donate to it.
- The user can add comments to any project.
- The user can report on any project or comment.

To Do List App using Flask

https://github.com/muhammadgalhoum/To-Do-List-app-using-flask

- The user can log in, sign up and sign out (Authentication).
- The user can make the main CRUD operations only on his/her tasks.
- The user can change the task status.

Flower website (freelancing job)

https://muhammadgalhoum.github.io/Flower-website/

Dashboard (front-end project)

https://github.com/muhammadgalhoum/Dashboard

Portfolio (front-end project)

https://github.com/muhammadgalhoum/Portfolio

Quiz app (front-end project)

https://github.com/muhammadgalhoum/quiz-app

Memory Game (front-end project)

https://github.com/muhammadgalhoum/memory_game

CRUD System (front-end project)

https://github.com/muhammadgalhoum/CRUD-System

To Do app using HTML5 Drag and Drop API (front-end project)

https://github.com/muhammadgalhoum/ToDo-App

Important Note: - All my Projects are on my personal website and on my GitHub account.

EDUCATION

Bachelor of Computer Science Faculty of Science - Menoufia University – Cumulative Grade: B+ / Very Good

From Sept 2016 to May 2020

- *Graduation Project: Logic in Computer Science (Grade: Excellent)*

Languages

Arabic: Native | English: Very Good Written and Spoken

References Available Upon Request.