Muhammad Galhoum

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muhammadgalhoum

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Python Developer

Passionate and detail-oriented Python Developer with hands-on experience designing and developing scalable web applications using Django, Flask and Odoo. Skilled in building robust, user-centric solutions with Python, RESTful APIs, and front-end technologies. Experienced in working with databases and managing server environments to ensure seamless application performance. Eager to contribute to innovative teams and deliver high-quality, maintainable software in a challenging new role with a focus on Django development.

CORE PROFICIENCIES

- *Python*
- *Django / DRF*
- *Flask*
- *Restful API*
- *Odoo*
- *XML*
- *SQL, My SQL*

- *PostgreSQL / SQLite3*
- *HTML5 & CSS3*
- *Bootstrap*
- *JavaScript & jQuery*
- *React*
- *Bash Script*
- *RedHat Admin I*

- *Unit Testing*
- *Git and GitHub*
- *AWS (S3, EKS, EC2)*
- *Kubernetes*
- *Docker*
- *CI/CD pipelines*
- *Postman / curl*

CERTIFICATIONS & Contributions

Programming Fundamentals Track (Udacity)	From 24 Aug to 28 Oct 2024
***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 Nanodegree Program)*	From Aug 2021 to Dec 2021
Open-Source Contributor (GSSoC'22)	From Mar to May 2022

- **Ranked 21 on the Leaderboard in the Girl Script Summer of Code 2022 program.**
- **Built a blog post using Django with advanced features like user roles, fixed issues, and created new course content.**
- **Won prizes including a T-shirt, swags, social media recognition, a certificate and a letter of recommendation.**

Experience & Contributions

Python Developer at Uniparticle	From July 2025 to present
Python Developer at Top Business	From Jan 2024 to Jan 2025

Worked on diverse tasks including fixing issues, adding advanced features, upgrading/downgrading modules, and creating modules from scratch.

Managed servers like Odoo.sh, Contabo, and Webmin, and applied advanced SQL queries to resolve complex database issues efficiently.

Delivered high-quality work, including the implementation of complex features requested by clients, which led to client retention for new projects and referrals to new clients.

Python Developer at OdooTec   From July to Nov 2023

Successfully handled numerous tickets, including creating modules from scratch, customizing existing modules, and generating reports and invoices.

Gained hands-on experience working with Odoo.sh, contributing to efficient project delivery and system improvements.

PROJECTS

Backend Projects

E-commerce website using Django   **Blog website using Django**

To Do List app using Django   **Crowd Funding App using Django**

To Do List App using Flask

Full Stack Nanodegree Program Projects

Fyyur Project   **Trivia Project**

Coffee Shop Project   **Casting Agency Project**

Deploying a Flask API to the AWS Project

Frontend Projects

Flower website (freelancing job)   **Dashboard**

Portfolio   **Quiz app**

Memory Game   **CRUD System**

To Do app using HTML5 Drag and Drop API

Note: Detailed descriptions for all projects are available in the **README files on GitHub**. You can also explore the rest of my projects 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.