

Maha Galal Abdelhamed

Full-Stack Developer

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🌐 <https://github.com/mahagallal>

Profile

A dedicated software developer with a strong background in open source technologies. I completed the 9-month Open Source Application Development track at ITI, gaining hands-on experience in front-end frameworks like Angular, React, and Vue, as well as back-end technologies including PHP, Laravel, Python, Node.js, Java, and I'm always eager to build efficient and scalable applications.

Professional Experience

Backend Developer (Freelance), Mostaqi [🔗](#) 04/2025 – 05/2025

-Developed a Python-based web scraping tool to automate Google searches, supporting dynamic keywords, time based filtering, and country-specific results.
-Implemented a local database for data storage and retrieval, improving efficiency for analysis.

Education

9-Month Professional Diploma, Open-Source Applications Development, 10/2024 – 06/2025
Information Technology Institute (ITI), Assiut Branch

Bachelor of Computers and Information, Bioinformatics, *University of Assiut* 09/2019 – 06/2023

Projects

Nursing Platform, (*ITI Graduation Project*) [🔗](#)

It is a web-based platform that connects patients with verified home nurses based on location, facilitating service requests, bookings, and secure payments. Key features include:

- Verified nurse profiles with admin approval.
- Location-based nurse-patient matching.
- Appointment scheduling and availability management.
- Secure payment processing with platform commission.
- Safety features like reviews, ratings, and reporting.
- Adplacement for monetization and nurse recruitment campaigns.

Cafeteria System, *designed with bootstrap , mysql and php.* [🔗](#)

Library System, *Designed with Laravel.* [🔗](#)

Exam Management System, *Built with Angular, Bootstrap, Node.js, Express.js, and MongoDB.* [🔗](#)

Student Grade Management System,

Created with C using windows.h for UI, binary files for data, and a text based interface. [🔗](#)

Cafeteria Database, *Implemented a MySQL database for data management.* [🔗](#)

Bash DBMS, *Built a command-line Database Management System in Bash.* [🔗](#)

Sa3ed (Charity Website), *Developed with HTML5, CSS3, and JavaScript.* [🔗](#)

Skills

Frontend Development

HTML, CSS, Javascript (ES6+), Typescript, React, Next.js, Vue, Angular

Database

MySQL , PostgreSQL ,MongoDB

Methodologies

Agile, Scrum, Clean Code principles

Backend Development

Node.js : Express.js , Java , Python , C/C++
PHP : Laravel

Tools & Platforms

Version Control : Git, Github
Testing : Postman, ThunderClient
Project Management : Jira

Courses

Data Analysis Challenger Track, <i>Udacity</i>	01/2023 – 03/2023
Android Application Developer Track with Java & Kotlin, <i>Information Technology Institute (ITI)</i>	12/2022 – 03/2023
Introduction to Web Technologies, <i>Information Technology Institute (ITI)</i>	01/2023 – 02/2023
Dot Net Web Development Course, <i>Information Technology Institute (ITI)</i>	08/2022 – 09/2022
Java Development SE, <i>Mahara-Tech</i>	06/2022 – 07/2022
Employability Skills Track, <i>USAID</i>	09/2022

Languages

- Arabic : Fluent
- English : Conversational