

Eslam Hassan

Full Stack Web Developer using Python

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Profile

As a recent graduate of ITI's Full-Stack Web Development program, I am passionate about coding and eager to contribute my technical skills and creativity to the development of innovative solutions. I am seeking to apply my skills in a dynamic organization and learn from experienced professionals in the field.

Technical Skills

Web Technologies

AWS, Docker, React.js, HTML5, CSS3, JavaScript, Bootstrap, Django, Flask, jQuery

Programming Skills

Object-Oriented Programming Principles, Python, Design Patterns, Data Structures & Algorithms

Database

MySQL, PostgreSQL

General Knowledge

Git, GitHub, Linux Administration

Professional Experience

Micro Engineering Tech Inc 📍

07/2023 – present
Cairo, Egypt

- Proficient full stack developer with expertise in front-end technologies (HTML, CSS, JavaScript) and back-end frameworks (Python, PostgreSQL).
- Successfully delivered high-quality software solutions, optimizing performance and ensuring seamless user experiences.
- Skilled in designing RESTful APIs, integrating external services, and implementing robust security measures.
- Proven track record of on-time tasks & project delivery, leveraging cloud platforms for efficient deployment using **AWS** and embracing emerging technologies for enhanced development processes.

ITI, Intensive Code Camp

03/2023 – 07/2023

Developed a strong foundation in programming and demonstrated my ability to work effectively in teams. Through my coursework and personal projects, I consistently completed tasks efficiently. These experiences have allowed me to gain practical knowledge and skills.

Other experience

2019 – 2023

Successfully handled clients' needs and led teams to deliver civil engineering projects on time and within budget, resulting in high levels of client satisfaction. Mentored and supported team members to overcome challenges and achieve their full potential, creating a positive work environment.

Projects

R&D Road-Pulse, *The project focused on using video data to detect road issues. It used a smart system that employed machine learning to analyze video frames and identify different types of road problems. This innovation aimed to improve the assessment and maintenance of road conditions.*

- Applying S3bucket, RDS and Ec2 instance with an apache server to deploy the project
- Applying models and APIs using Django REST framework
- Managing all the R&D team needs and how the data coming from the machine learning model will be saved and triggered by the Lambda function we have made.

LOWMS, *LOWMS is a website system for company's employees where you can implement business rules as an HR, IT specialist, Project Manager, etc... This project improved the company's output and solved many issues and problems that faced them before, As every action for any role in the company can be implemented through this website.*

- Implemented front-end functionalities using React.Js to create an intuitive user interface for the LOWMS website system.
- Designed and implemented RESTful APIs to facilitate seamless communication between the front-end and back-end of the LOWMS system.
- Collaborated with cross-functional teams to ensure efficient data management, including database design and implementation using PostgreSQL.
- Implemented both Permissions and Authentication using JWT
- Utilized version control systems like Git and followed best practices for code organization, documentation, and collaborative development.
- Contributed to code reviews, provided constructive feedback, and actively participated in agile development processes to meet project milestones.

Full-Stack Wedding Management System

Developed a Full-Stack Wedding Management System with React, Django, JWT Authentication, and others such as Context API. Integrated Stripe's payment API to provide a seamless payment experience.

Restaurant website

Designed a Restaurant website using native HTML and CSS, and implemented additional styles using Bootstrap, demonstrating knowledge and proficiency in front-end web development.

Ecommerce website

Built an E-commerce website using React.js with a focus on responsive design, demonstrating expertise in creating scalable and user-friendly web applications.

Ecommerce Application

Implementing CRUD operations using Django, Django Rest Framework, and JWT Authentication configuring access permissions for different user types.

Crowd Funding app

Developed a Crowd Funding app using Python and OOP concepts, and connected the project with a database, demonstrating practical experience in project development and problem-solving skills.

Created a database using bash script

Education

Cairo University, *Bachelor of Civil Engineering*

2014 – 2019