

Mostafa Shaaban Shanab Web Developer

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PROFILE

Fresh Computer Science Graduate specializing in Front-End Development with Full-Stack knowledge. Passionate about building responsive web applications with clean code and intuitive UX. Eager to apply academic knowledge in a professional environment while expanding my Full-Stack capabilities.

EDUCATION

Bachelor of Computer Science, Ain Shams University 09/2021 – 07/2025 | Cairo, Egypt
Graduated with Excellent Grade, GPA of 3.76/4 and an Excellent grade for the Graduation Project.

PROFESSIONAL EXPERIENCE

React Frontend Web Developer, DEPI – Ministry of Communications 07/2025 – Present

- 6-month intensive training on modern frontend with React, TypeScript, Node.js, UX/UI, Docker, and clean code practices.
- Includes full-stack capstone project and version control with Git/GitHub.

Full Stack PHP, ITI 07/2024 – 08/2024

- Developed full-stack web apps using HTML, CSS, JavaScript, PHP, and Bootstrap.
- Built backend APIs and deployed apps locally.

COURSES

Frontend Developer Learning Track, Elzero Web School - YouTube 07/2022 – 11/2022

- Completed 50+ hours of structured video courses covering HTML, CSS, JS, Git, TypeScript, and APIs.
- Template1 [\[GitHub\]](#) | [\[Live Demo\]](#)
- Template2 [\[GitHub\]](#) | [\[Live Demo\]](#)

PROJECTS

Alzheimer Smart Care (Graduation Project) 2025

- [Demo](#)
- Designed and developed a mobile application to assist Alzheimer’s patients, caregivers, and doctors.
- Implemented advanced features such as MRI scan classification, facial recognition, real-time location tracking, etc.
- Outperformed existing solutions on app stores by combining all critical features into one seamless and intuitive interface.
- Achieved 3rd place in “FCIS Innovates” Graduation Projects Competition at Ain Shams University.

Deep Learning Image Segmentation 2025

- Developed a semantic segmentation model to detect objects in images, evaluated using IoU and Dice Score for accuracy.

Forum Classification with Transformers 2025

- Built a deep learning NLP pipeline to classify forum threads using advanced embeddings and sequence models.

Burrows-Wheeler Compression 2024

- Implemented BWT compression/decompression with divide-and-conquer logic and performance optimization

E-Commerce Website 2023

- [GitHub](#) , [Live Demo](#)
- Built a shopping website with user authentication and product management features and a clean, responsive UI.

Tools: HTML, CSS, JS, PHP, MySQL

Apartment Rent Prediction 2022

- Ranked 3rd out of 100+ teams in a university challenge.
- Used regression/classification models, feature engineering, and tuning to predict rent prices.

Sentiment Analysis of Movie Reviews 2022

- Created TF-IDF-based classifiers using SVM and Naive Bayes. Evaluated with accuracy, precision, and recall.

SKILLS

Technical: Python | Java | C++ | C# | Object-Oriented Programming (OOP) | Data Structures & Algorithms | Software Design Principles | Version Control (Git/GitHub) | Unit Testing & Debugging | Code Review Practices | HTML5 & CSS3 | React.js | JavaScript / ES6 | TypeScript | Visual Studio Code | IntelliJ








Soft: Problem-Solving | Attention to Detail | Team Collaboration | Adaptability & Willingness to Learn | Time Management | Strong Communication Skills | Curiosity & Creativity

LANGUAGES

Arabic — Native/Bilingual

English — Fluent

CERTIFICATES

- FCIS Innovates Competition  — College
- Full Stack PHP  — ITI
- Mastering Object-Oriented Programming (OOP) using C++  — Mahara-Tech
- Database Fundamentals  — Mahara-Tech
- Software Engineer Intern  — HackerRank
- Machine Learning Competition  — College
- Web Development Fundamentals  — Sprints