

Mostafa Shanab

Front-End Developer

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Profile

Frontend Developer with a strong foundation in computer science and a passion for building responsive, user-friendly web applications. Skilled in modern web technologies like React.js, TypeScript, and JavaScript. Experienced in developing and deploying full-stack applications and integrating AI solutions. Committed to clean code practices, performance optimization, and delivering user-centered digital experiences.

Technical Summary

Programming Languages: C#, C++, Java, Python, C

Frontend: HTML5, CSS3, JavaScript, Bootstrap, React.js, TypeScript

Backend: Node.js, PHP

Databases: MySQL, Relational Database Design

Tools & DevOps: Git, GitHub, Postman, Docker, Selenium

Soft Skills: Communication, Problem Solving, Time Management, Team Collaboration, Presentation

Education

Bachelor's in Computer Science

Ain Shams University — 2021–2025

CGPA: 3.76 / 4.0 (Excellent)

Languages

- Arabic:** Native
- English:** B2 (EF SET – C1 in reading, B2 in listening) **[Certificate]**

Projects

Alzheimer Smart Care — Flutter, .NET Core, Flask, Firebase **[Demo]**

- Developed a cross-platform mobile app supporting Alzheimer's patients and caregivers
- Integrated CNN-based MRI classification, FaceNet facial recognition, real-time tracking, cognitive games, and daily reminders

E-Commerce Website — *HTML, CSS, JS, PHP, MySQL* **[GitHub | Live Demo]**

- Built a responsive shopping website with user authentication and product management features
- Deployed locally using XAMPP with a clean, mobile-friendly UI

Burrows-Wheeler Compression — *C#* **[GitHub]**

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

Deep Learning Image Segmentation — *Python, UNet, SegNet, DeepLab* **[GitHub]**

- Applied semantic segmentation to identify objects with metrics like IoU and Dice Score

Forum Classification with Transformers — *Python, BERT, LSTM* **[GitHub]**

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

Apartment Rent Prediction (ML) **[GitHub]**

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

Sentiment Analysis of Movie Reviews (NLP) **[GitHub]**

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

Experience & Trainings

React Frontend Web Developer Training

DEPI – Ministry of Communications | **Jul 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 Training **[Tasks | Certificate]**

Information Technology Institute (ITI) | **Jul 2024 – Aug 2024**

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

Frontend Developer Learning Track **[Playlist]**

Elzero Web School | **Jul 2022 – Nov 2022**

- Completed 50+ hours of structured video courses in Arabic covering HTML, CSS, JS, Git, TypeScript, and APIs.
 - Template1 **[GitHub | Live Demo]**
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