Mohamed Ahmed

Web Developer | Software Engineering Graduate

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📍 Cairo, Egypt

SUMMARY

I am a motivated and detail-oriented Web Developer with a strong foundation in frontend technologies and user-centric design. Passionate about building responsive, scalable, and visually appealing web applications using React.js, Tailwind CSS, and modern JavaScript tools. Seeking a challenging opportunity to contribute to impactful projects and grow as part of a dynamic development team.

EXPERIENCE

Full Stack Web Development Track   04/2024 - 02/2025
SEF Academy ↗

- Completed intensive front-end and back-end development training.
- Learned modern frontend technologies: HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript, React.js.
- Mastered backend skills: Node.js, Express.js, REST APIs, MongoDB.
- Built several hands-on projects applying full-stack concepts using real-world use cases.
- Gained practical experience in version control with Git & GitHub.

Machine Learning Workshop Participant   02/2024 - 02/2024
Applai Student Activity, Ain Shams University ↗

- Utilized Jupyter Notebook for data visualization, analysis, and preprocessing.
- Collaborated with a team to design, build, and deploy machine learning models.
- Applied machine learning algorithms to real-world datasets, demonstrating proficiency in model development.

IT Intern   07/2023 - 08/2023
Al-Raya Market, Cairo, Egypt ↗

- During a two-month internship, I gained hands-on experience in network management and IT operations within a retail environment.
- Enhanced teamwork and communication skills while collaborating with IT professionals.

Web Development Summer Training   08/2022 - 09/2022
Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt.

EDUCATION

BSc, Software Engineering (GPA: 3.37 B+)   09/2021 - 07/2025

Graduated: 2025
Dual Degree
- University of East London, UK
- Faculty of Computer and Information Sciences, Ain Shams University, Cairo, Egypt.

S K I L L S

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

Web Development: HTML5, CSS3, Bootstrap, Tailwind, React, RESTful APIs

Backend Development: Node.js, Express.js

Databases: MongoDB, SQL

Other Tools: Git, GitHub, Docker, Postman, Figma

Other Skills:

- Structured & Object-Oriented Programming
- Data Structures & Algorithms
- Database Management
- Machine Learning (Data Visualization, Model Development)

L A N G U A G E S

English   Intermediate   Arabic: Fluent

P R O J E C T S

[2025] GenHome - AI-Powered Interior Design Platform (GRADUATION PROJECT)

Tech Stack: React 18, Vite, TypeScript, Tailwind CSS, React Three Fiber, Three.js, React Query, Context API

GenHome is a comprehensive interior design platform that combines 2D/3D room planning with AI-powered furniture generation from images.Key

Frontend Contributions:

- Developed an advanced **dual-mode room designer** with real-time switch between 2D planning and 3D visualization using **React Three Fiber** and **Canvas 2D tools**.

Github: https://github.com/GenHome

[2025] Mini-InstaPay - Payment Processing Platform Frontend

Tech Stack: React.js, Vite, TailwindCSS, Docker, Kubernetes, Axios, React Router

- Developed a responsive, component-based frontend for a microservices payment app.
- Built features including **user authentication (JWT)**, **money transfer workflows**, and **transaction history**.
- Implemented **Context API** for global state, and responsive design using **TailwindCSS**.
- Integrated RESTful APIs with **Axios**, and added **form validation and error handling**.
- Deployed using **Docker** containers within a **Kubernetes**-based architecture.

Key Features:

- Multi-step transfer modal with validation
- Filterable transaction history
- JWT-based login/signup
- Clean navigation with **React Router**

Github: https://github.com/Mof4thy/mini-instapay

[2024] Personal portfolio

- Built a responsive portfolio website showing projects, skills with an interactive and modern UI using React.

Github: https://github.com/Mof4thy/Portfolio-project

[2024] Minions Store – E-commerce Website for Electronics

- Developed a fully functional e-commerce platform featuring user authentication, shopping cart functionality, and favorite items section.
- Integrated local storage to maintain cart and favorite items across sessions.
- Technologies: JavaScript, HTML5, CSS3, Bootstrap

Live demo
Github: https://github.com/Mof4thy/E-commerce-electronics

[2024] Book Store

- Designed and implemented a dynamic bookstore application using React and Redux for state management.
- Technologies: React, Redux, JavaScript, HTML, CSS, RESTful APIs

Github: https://github.com/Mof4thy/Book-Store

[2023] Saraha

- An anonymous chat app developed for the Data Structures course using C++ and WinForms for the GUI.

Github:
https://github.com/MohamedWael3011/SarahaWithGUI

[2022] HAND GESTURE-CONTROLLED CAR

- Fully Functioning hand gesture-controlled car using Arduino UNO/Nano and Bluetooth Module.

GitHub: GitHub - MohamedWael3011/HandGestureArduino

[2022] SOULOSIS

- Music player website using HTML, CSS, and JavaScript.

GitHub: GitHub - MohamedWael3011/Soulosis

[2022] Super Mario Bros

- Remade the old Super Mario game using the SFML library in C++.

Github: https://github.com/Mof4thy/SuperMarioSFML

INTRESTS

- Open-source contributions
- Building side projects
- Exploring new web technologies and frameworks
- Solving UI/UX and performance challenges