

Omar Osama Farhat

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PROFESSIONAL SUMMARY

Computer Science graduate and full-stack software developer with hands-on experience building responsive web applications and, most recently, a Python/Django business management platform covering booking workflows, an analytics dashboard, role-based authentication, and payment tracking. Experienced in developing cross-platform mobile applications using Flutter, building AI-based solutions, and creating responsive, production-ready websites. Demonstrates the ability to design scalable systems, translate real business processes into working software, and quickly adapt to new technologies while maintaining high standards of code quality and performance.

EDUCATION

Bachelor of Computer Science and Information Technology

Graduated: 2024

Future University of Egypt (FUE)

Graduation Project: AI Storytelling Platform

- Developed an interactive AI-powered storytelling platform designed for children.
- Built a system that generates and narrates dynamic stories based on user input.
- Implemented adaptive story paths that change according to user decisions to encourage creativity and engagement.
- Designed the platform to support language development and decision-making skills.
- Ensured all generated content remains safe and age-appropriate for young users.

EXPERIENCE

Website Developer

December 2025 – January 2026

El Hoda Company – Egypt

- Designed and developed a complete corporate website for El Hoda, a healthcare and diagnostic products company.
- Created a clear and professional interface to present the company's services, product categories, manufacturing capabilities, and industry experience.
- Built responsive layouts optimized for desktops, tablets, and mobile devices while maintaining consistent visual quality across different screen sizes.
- Implemented customized mobile layouts and image-positioning controls to improve content presentation and usability on smaller screens.
- Improved the website's performance, navigation, content structure, and overall user experience.
- Collaborated with stakeholders to ensure the website's design, content, and visual identity aligned with the company's business requirements.

Technologies: Angular, Responsive Web Design, GitHub

Website Developer

January 2026 – June 2026

Stella – Egypt

- Designed and developed a complete responsive business website that presents Stella's services, experiences, and brand information.
- Created a clean and modern user interface aligned with the company's visual identity and business objectives.
- Developed structured website sections to present the company profile, services, featured content, and important brand information clearly.
- Implemented responsive layouts and navigation optimized for desktop, tablet, and mobile devices.
- Added interactive interface elements, smooth transitions, and user-friendly navigation to improve the overall browsing experience.
- Optimized images, content layouts, spacing, and page structure to maintain visual consistency across different screen sizes.
- Improved website performance, usability, and content accessibility to provide professional and smooth user experience.
- Tested and refined the website across multiple devices and screen resolutions to ensure reliable functionality and responsive behavior.
- Collaborated with stakeholders to update the website's content, design, and layout according to business requirements and feedback.

Website Developer

June 2026 – August 2026

Mark & Matter – Egypt

- Designed and developed a modern, fully responsive portfolio website for a creative branding agency using HTML, CSS, and JavaScript.
- Created a visually engaging user interface that reflects the agency's brand identity, creative direction, and professional services.
- Developed custom scroll-based animations, smooth transitions, interactive text effects, and animated content sections to enhance user engagement.
- Implemented responsive navigation, dynamic headers, animated logos, video backgrounds, and interactive buttons across desktop and mobile devices.
- Built interactive project showcases, brand sliders, image galleries, modal windows, and animated sections for presenting the agency's selected work.
- Developed the interactive Orchid and Cheetah brand philosophy section with custom navigation controls and smooth content transitions.
- Optimized images, videos, page layouts, spacing, and loading performance to provide a consistent and smooth browsing experience.
- Tested and adjusted the website across different screen sizes to ensure mobile responsiveness, visual consistency, and usability.
- Prepared and deployed the website online using GitHub and Cloudflare, including domain configuration and production testing.

Technologies: HTML5, CSS3, JavaScript, Responsive Web Design, GitHub, Cloudflare

Website & Management Dashboard

May 2026 – Present

Pro Eye Academy – Egypt

- Developed a full-stack business management platform for a swimming academy using Python, Django 5, HTML5, CSS3, and JavaScript, combining a public marketing website with an internal, login-protected management dashboard.
- Designed and implemented a Free Trial booking and lead-management workflow that tracks each request through a defined status pipeline (New, Contacted, Trial Scheduled, Attended, Converted, Lost) and routes it to staff for follow-up.
- Built a Django admin dashboard with backend-calculated KPIs — lead counts by status, active swimmers, conversion rate, monthly revenue, pending/overdue payments, and program-based swimmer distribution — plus charts for weekly trial and revenue trends.
- Implemented payment tracking and revenue reporting derived from actual payment records and billing months, distinguishing paid, pending, and overdue payments.
- Built role-based authentication and authorization with Django's auth system, restricting staff-management actions to Super Admin users through login-required and is_superuser access checks.
- Developed a responsive, animated public website (home, training programs, statistics, booking, and legal pages) and an internal notification system that alerts staff to new trial requests.

Planned enhancement: AI-assisted swimming training and drill recommendation system for coaches (swimmer performance and technique analysis) in research/design stage, not yet implemented.

Technologies: Python, Django 5, Django ORM, HTML5, CSS3, JavaScript, AJAX/JSON APIs, Django Authentication, Relational Database (SQL), Responsive Web Design

SKILLS

Backend & Full-Stack Development: Python, Django, Django ORM, AJAX/JSON APIs, Authentication & Role-Based Access Control, SQL / Relational Databases

Programming: Python, R Language, Java (OOP), C++, Assembly Language

Mobile Development: Flutter, Dart

Web Development: Angular, HTML, CSS, JavaScript, WordPress

Embedded Systems: Arduino C, Embedded Programming

Personal Skills: Problem Solving, Analytical Thinking, Fast Learning, Communication Skills, Time Management, Task Prioritization

COURSES

Mobile App Development Using Flutter Framework — Next Academy

Machine Learning A-Z: AI, Python & R Language

Build with AI: Masr Edition