

# Mostafa Abdel Mawgood

Front-End Developer

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Portfolio: <https://mostafa-abd.com>

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## Professional Summary

Front-end Developer with 4+ years of experience building responsive and scalable web applications using React, Next.js, TypeScript, Redux, and Tailwind CSS. Skilled in performance optimization, SEO, accessibility (WCAG), and API integration (REST/GraphQL). Experienced with CI/CD pipelines, Git/GitHub, and Docker, delivering high-performance, maintainable code that improves user experience and engagement.

## Skills

**Frameworks & Libraries:** React, Redux Toolkit, React Query, Zustand, Next.js

**Languages:** HTML, CSS, JavaScript (ES6+), TypeScript

**Styling & UI:** Tailwind CSS, Bootstrap, Framer Motion

**APIs & Integration:** RESTful APIs, GraphQL, Payment Gateways Integration (Stripe, PayPal, Paymob)

**Architecture & Best Practices:** Component-Based Architecture, Responsive Design, Cross-Browser Compatibility, Accessibility (WCAG), SEO Best Practices

**Performance & Testing:** Performance Optimization, Lighthouse, Unit Testing (Jest, React Testing Library)

**Tools & Workflow:** Git, GitHub, CI/CD Pipelines, Docker, Chrome DevTools

**Core Concepts:** OOP, SOLID Principles, Design Patterns

## Work History

### Front-end Developer | Win Agency | Cairo, Egypt

January 2025 – September 2025

- Produced responsive web interfaces with React and Next.js, improving load speed by 40%
- Converted UI/UX designs into accessible, mobile-friendly pages following WCAG standards.
- Enhanced SEO and performance, increasing organic traffic by 30% and user engagement by 20%.
- Launched all client projects on schedule, maintaining a 100% on-time record.
- Introduced Git/GitHub workflows and reusable components, reducing future development time by 35%.

### JavaScript Instructor | Octocode | Remote | Egypt

August 2024 - December 2024

- Recorded video lessons covering JavaScript fundamentals and ES6+ features.
- Designed 20+ coding exercises adopted by 100+ students with 90% completion rate.
- Reviewed content, cutting error rate by 30%.
- Developed a standardized front-end curriculum adopted by 1000+ students, improving learning outcomes.

### Front-end Developer | Codule | Remote | Egypt

January 2023 - December 2024

- Developed and optimized scalable frontend applications using React, Next.js, TypeScript, and Tailwind CSS.
- Designed secure authentication workflows and enforced OWASP-compliant validation
- Achieved a 40% improvement in Lighthouse performance and reduced initial load time by 1.5s through lazy loading, code splitting, and bundle optimization.
- Worked closely with designers and back-end engineers to deliver user-focused, high-performance features.

## **Front-end Developer | Pepo Tech | Remote | Egypt**

September 2021 - December 2022

- Built and maintained responsive, cross-browser web interfaces using HTML, CSS, and JavaScript.
- Integrated RESTful APIs to power dynamic and interactive frontend features.
- Applied SEO best practices to enhance search visibility and improve overall user engagement.
- Collaborated with team members on code reviews and debugging, ensuring clean, maintainable code.
- Assisted in improving UI consistency and usability, working closely with designers to align implementation with design guidelines.

## **Projects**

### **Multi-Language Platform (CMS) E-Commerce & Affiliates | Interact-labs**

- Architected a high-performance, multi-language platform for e-commerce, CMS, and affiliate marketing using Next.js and Cloudflare Workers.
- Built a custom CMS and blog system with Tiptap, supporting rich-text content, media management, SEO metadata and EN/AR localization.
- Integrated Paymob payment gateway with secure checkout and automated webhook processing for real-time order updates.
- Developed a custom affiliate tracking system with referral links, commission calculation, and payout workflows.
- Optimized performance and security using edge computing, Cloudflare D1, and JWT-based HttpOnly authentication.
- Created a centralized admin dashboard to manage products, global content, user roles, and customer support tickets.

### **Educational Platform (LMS) | DreamAcademy**

- Designed and built a full-featured Learning Management System (LMS) for Egyptian high school students from scratch.
- Implemented role-based authentication (Admin, Teacher, Student) using JWT with secure access control.
- Developed an admin dashboard with real-time analytics, user management, and revenue tracking.
- Built a course management system supporting multi-level content, video lectures, quizzes, and student progress tracking.
- Implemented pricing packages and discount codes, enabling flexible monetization.
- Integrated a smart video player with automatic Vimeo and YouTube detection.
- Designed a responsive Arabic RTL interface with Tailwind CSS, optimized for mobile learning.

### **Event Management Website | CPS**

- Built a bilingual enterprise website for a Saudi branding and manufacturing company using React and Tailwind CSS.
- Designed a scalable frontend architecture with focus on SEO, mobile responsiveness, and WCAG accessibility.
- Improved usability and user engagement by 30% through performance and UI enhancements.
- Collaborated with designers and stakeholders to translate business requirements into user-focused web solutions.

### **Corporate Website | DDP Egypt**

- Developed a bilingual corporate logistics website showcasing air, sea, and road freight services.
- Optimized asset loading, structured data, and UI consistency, achieving 40% faster load times.
- Enhanced SEO performance, boosting search rankings to the top 3 results in the MENA region.
- Improved lead generation and user experience through responsive design and performance optimization.

## Certificates

### HackerRank Certification – Algorithms & Problem Solving (Intermediate)

October 2025

Verified coding assessment covering algorithms and logical reasoning.

### LeetCode – Problems Solved Achievement

November 2025

Solved 50+ algorithmic challenges in data structures and problem solving.

### Codeforces – Contest Participation Certificate

December 2025

Participated in competitive programming contests focused on algorithm efficiency.

## Education

### Bachelor's Degree in Arts | Ain Shams University | Cairo, Egypt

September 2019 - July 2023

## Languages

**Arabic** - Native

**English** - Professional Working Proficiency (B2)

## Soft Skills

- **Collaboration & Communication:** Worked closely with designers, backend engineers, and product managers across 10+ projects to ensure smooth delivery, clear requirements, and effective client communication.
- **Problem Solving & Analytical Thinking:** Analyzed technical challenges, proposed practical solutions, and resolved issues efficiently to maintain project timelines and product quality.
- **Learning Agility & Adaptability:** Quickly adapted to new frameworks and tools (React, Next.js, Tailwind CSS) to meet changing project requirements and deliver optimized solutions.
- **UI/UX Awareness & Attention to Detail:** Delivered pixel-perfect, responsive, and accessible user interfaces with strong focus on usability and visual consistency.
- **Time Management & Ownership:** Managed multiple tasks and priorities effectively while taking ownership of features from development to deployment.
- **Quality & Reliability Mindset:** Maintained clean, maintainable code and actively participated in reviews to ensure high-quality, scalable frontend solutions.
- **Client & Business Awareness:** Translated business requirements into technical implementations that improved user experience and supported business goals.