Magdy Abu El-nour

Full-Stack Web Developer

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PROFILE

A highly motivated Full-Stack Web Developer and Computer Science student at Damanhur University. Proficient in crafting dynamic, user-friendly web applications with expertise in both front-end and back-end development. Experienced in JavaScript (ES6+), TypeScript, React.js, Next.js, and Node.js for comprehensive full-stack solutions. Skilled in state management using Redux Toolkit with RTK Query and Zustand with React Query, plus responsive design using Tailwind CSS, MUI, shadcn/ui, and custom animations. Proficient in building RESTful APIs, database integration, and leveraging Git, GitHub, Postman, and Firebase for efficient development workflows. Experienced in creating dashboards with full CRUD functionality, translating Figma designs into interactive applications, and delivering seamless user experiences. Aiming to bring innovation and technical expertise to every project while continuously expanding skills in modern web technologies.

PROFESSIONAL EXPERIENCE

Front End Devoloper, *freelancer*   05/2022 – Present
                                                                                                        Behaira, EG
I worked as a freelancer with many clients on diverse projects utilizing React.js, Next.js, TypeScript, and modern styling solutions like Tailwind CSS, MUI, and shadcn/ui, creating engaging interfaces with custom animations.
My technical proficiency includes state management with Redux Toolkit/RTK Query and Zustand/React Query, plus extensive Firebase experience for backend services and real-time data management.
I've developed numerous dashboards with full CRUD functionality and intuitive designs, while maintaining effective team coordination and version control through GitHub for smooth project workflows and organized updates.

EDUCATION

Bachelor's Degree in Computer Sceince, *Dammanhur University*   09/2021 – 06/2025
                                                                                                        Behaira, EG
I graduated from the Faculty of Science as a computer science student from Damanhour University. I learned computer basics and then learned programming basics in many programming languages and learned OOP and Data Structure and Data Base and NetWorking and more of fields

SKILLS

- HTML5 CSS3
- Tailwindess bootstraps
- React js Git/GitHub
- Axios OOP programing
- Context Zustand / React Query

- React js (vite) / Next js (ES6) Typescript
- MUI Next js/ts
- jQuery Responsive Designs
- Redux Toolkit / RTK Query
- Postman APIs

LANGUAGES

- Arabic
- English

COURSES

Full-stack Node.js (Route Academy), *Training*   01/2024 – 04/2025
The Full-Stack Node.js training at Route Academy provides   Alexandria, EG
comprehensive learning in building full-stack applications. It covers
back-end development with Node.js, Express.js, and RESTful APIs,
along with front-end integration using modern frameworks. The
program emphasizes database management with MongoDB and SQL,
authentication, and deployment techniques. Hands-on projects and
real-world scenarios enhance practical skills and problem-solving
abilities. This training prepares participants to create scalable,
efficient, and production-ready web applications.

PROJECTS

UniHome, *Student Housing Platform* ⬈   11/2023 – 06/2024
Developed a comprehensive student housing management platform using React 18
with modern JavaScript, featuring an intuitive interface built with Tailwind CSS,
DaisyUI, and Flowbite components. Implemented advanced functionality including
Redux for state management, FullCalendar integration for scheduling and booking
systems, React Big Calendar for event management, and EmailJS for automated
communication. The application features video calling capabilities through React
Jitsi integration, interactive calendar systems with React DatePicker, multi-language
support via i18next, and comprehensive form handling using Formik with Yup
validation. Additional features include Lottie animations for enhanced user
experience, SweetAlert2 for notifications, JWT authentication, and responsive
carousel displays with React Slick. Demonstrates expertise in building complex
student accommodation platforms with booking systems, real-time
communication, and seamless user experience across all devices.

Charity, *charity website* ⬈   03/2025 – 04/2025
This charity website is a modern, fully responsive platform built with **Next.js**,
Tailwind CSS, and **Firebase**, designed to support and promote charitable causes
effectively. It features dynamic donation forms, real-time campaign updates, and
seamless API integration for scalable and maintainable development. The site is
100% mobile-friendly, offering an intuitive and accessible user experience across
all devices.
The **admin dashboard** empowers administrators with tools to manage donations,
campaigns, and user data securely. It includes **real-time data syncing** via **Firebase**,
intuitive data visualization, and robust access controls. **State management** is
handled using **Redux**, **React Query**, and **Zustand**, ensuring high performance and
reliable user interaction throughout both the site and the dashboard.
Deployed on **Vercel**, this project demonstrates modern web development practices,
professional design, and performance optimization—delivering a smooth and
impactful experience for both users and administrators.

Gym Management System, *Full-Stack Web Application* ⊡   01/2025 – 04/2025
Developed a comprehensive gym management platform using Next.js 15 with
TypeScript, featuring modern UI built with shadcn/ui and Tailwind CSS.
Implemented advanced functionality including Redux Toolkit for state
management, Microsoft SignalR for real-time communication, Stripe payment
integration, QR code scanning for member check-ins, and Firebase backend
services. The application includes member management, dashboard analytics with
Recharts visualization, multi-language support via next-intl, and responsive design
ensuring cross-device compatibility. Demonstrates expertise in modern React
patterns, complex state management, third-party API integrations, and creating
scalable business management solutions.

Company BE, *Company backend project* ⊡   02/2025 – 02/2025
This backend project is a modern, scalable API built with **Node.js**, **Express.js**, and
MongoDB, designed to support a comprehensive company management system. It
provides structured endpoints for handling users, roles, departments, and
permissions, enabling smooth integration with frontend applications and efficient
data operations.
The API includes features such as secure user authentication and role-based
authorization using JWT, input validation with middleware, and error handling
mechanisms to ensure data integrity and application stability. MongoDB, combined
with Mongoose, allows for flexible data modeling tailored to business needs.
Designed with a modular and maintainable architecture, this backend system is
ready for production deployment and can easily be extended for additional services
or microservices. It reflects best practices in backend development, emphasizing
performance, security, and clean code organization.

Reach4U, *portfolio company website* ⊡   07/2025 – 07/2025
This portfolio website for **Reach4U** is a modern, fully responsive multilingual
platform built with **Next.js 14**, **Tailwind CSS**, and **Framer Motion**, designed to
represent a forward-thinking company offering smart business solutions. The site
features support for both English and Arabic languages, providing a seamless
RTL/LTR experience through dynamic internationalization powered by **Next-Intl**.
The layout is clean and user-centric, highlighting services, company values, and
client engagement through engaging animations and responsive design. Key pages
include About, Services, Contact, and a dynamic Home page—all optimized for
accessibility and performance. The visual transitions and scroll-based interactions
elevate the user experience while maintaining a professional tone.
Deployed on **Vercel**, this project showcases high standards in frontend architecture,
with well-organized folders, reusable components, and a scalable design system.
The site is SEO-friendly, performs smoothly across devices, and reflects the
company's commitment to clarity, quality, and impact in the digital space.