Mohamed Abdelmageed ElAraby

(+20) 1002493560 | https://www.linkedin.com/in/mohamed-el-araby-b489b4326/ | mohamedalarbic6@gmail.com |
https://github.com/MohamedElaraby99

Work Experience

Tawakol Educational Platform - Freelance (https://www.tawakol.live)   **Mansoura, Egypt**
Front End Developer   *06/24-12/24*
- Improved page load speed by 40% through component optimization. 10,000+ students successfully onboarded by creating an intuitive user interface for course enrollment and video lessons.
- Designed and updated layouts to meet usability and performance requirement and increased mobile traffic by 50%.
- Implemented a quiz system with real-time feedback, enhancing student engagement by 30%
- Tested web-based product functionality and delivered iterations to customer.
- Integrating Frontend and Backend with APIS.

Ace Freelancing - Freelance   **Remote**
Full Stack Developer   *01/24-5/24*
- Building E-commerce website for Ace Freelancing company
- Responsible for Building frontend and Backend
- Integrating Frontend and Backend with APIS.

Projects

- A full-stack eCommerce platform inspired by Amazon, offering a seamless shopping experience.Fox website For Carriers' Trucks for carrier companies to track the packages, and trucks, and generate reports. User authentication usin **JWT** and **OAuth**.Product listing with dynamic search and filters.Cart functionality with item quantity updates and total calculation.Payment integration using **Stripe API**.Order history and tracking system for users.

- Creating a frontend and Backend for e-commerce website for Ace Freelancing. Integrating Frontend and Backend with APIS. Creating Responsive web pages using react JS, redux, CSS, and Axios

- An interactive learning platform for students and educators, providing access to courses, exams, and resources. User dashboard with role-based access for students, teachers, and admins.Video lessons integration via **YouTube API**.Online exams with result calculation and real-time timer.Notification system for upcoming exams and course updates.Resource download section for PDFs and other study materials.

- A modern, fully responsive eCommerce website for selling products online. Product categories with detailed product pages.User-friendly cart and checkout process.Payment integration using **PayPal API**.Admin dashboard for managing products, orders, and inventory.SEO-optimized for better search engine visibility.

- A collection of interactive and data-driven dashboards for business analytics and management. Visualized KPIs using **charts** and **graphs** (e.g., bar charts, pie charts, line graphs). Real-time data fetching using WebSockets and APIs.User roles for restricted data access.Export reports in PDF and Excel formats.Fully responsive for mobile and desktop.

- Document-to-Quiz Converter . An innovative platform that allows users to upload Word or PDF files and automatically generates multiple-choice questions (MCQs) from the document content. Drag-and-drop or file upload interface for Word and PDF documents. AI-based content parsing to extract important information and generate questions.Real-time display of extracted questions and multiple-choice options. Option to download the generated quiz as a Word or PDF document. User-friendly interface with progress indicators during processing.

Education

Mansoura University   **Mansoura, Egypt**
Bachelor of Computer Science and Statistics   *06/18-12/22*
- Areas of Study: Software Engineering, embedded systems, designs Patterns, OOP, Data Structure.
- Projects: Visa Renewal System, Vaccine appointment system , traveling booking system.

Full Stack diploma   **Cairo, Egypt**
Route Academy   *10/21-6/22*
- Practicing on Frontend and building Projects.
- Practicing on Backend and implementing APIS.

Language and IT Skills

Technical: JavaScript, React, Redux , Node , Express , MongoDB , MySQL, Git, Next JS, Tailwind CSS, Html, CSS.
Language: Arabic (Native), English (Perfect).

Professional Courses

- ReactJs Crash Course   Udemy
- Advanced Deep learning   Coursera

Additional Information

Key Abilities: Proficient in Modern Frontend Technologies .Expert in **React.js**, **JavaScript (ES6+), HTML5**, and **CSS3** for building responsive, high-performance web applications.Skilled in using **Redux**, **Context API**, and **React Query** for efficient state and data management. Innovative Problem Solver . Successfully developed a **Document-to-Quiz Converter** that automates the creation of multiple-choice questions from Word and PDF documents, utilizing AI-driven text parsing.Designed and built scalable platforms like an **educational system**, **eCommerce solutions**, and **dashboards** for real-time analytics. Strong Design and User Experience Skills . Adept at translating complex requirements into clean, responsive, and user-friendly interfaces.Experienced in collaborating with designers to ensure seamless integration of UI/UX principles using **Figma**, **Adobe XD**, and **Material-UI**. **Backend Collaboration.** Proficient in integrating **RESTful APIs** and **GraphQL APIs** for dynamic data fetching and seamless backend communication.Familiar with backend technologies like **Node.js** and **Express.js** for debugging and API testing.