

# Mohamed Bediwe

## Fullstack Developer

📍 Alexandria, Egypt

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🔄 Mohamed Bediwe

🔗 Personal Portfolio

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### Soft Skills

#### Attention to Detail

Commitment to producing high-quality, error-free code.

#### Problem-Solving

Strong analytical skills to tackle complex challenges.

#### Time Mangament

Ability to deliver projects on time and handle multiple tasks.

#### Creativity

Thinking outside the box to create innovative solutions and approaches.

#### Well organized team player

### Technical Skills

#### Frontend Development

Proficiency in HTML, CSS, JavaScript, and modern frameworks like React.js in addition to that TailwindCSS and Bootstrap.

#### Backend Development

Experience with server-side languages such as PHP.

#### API Development

Familiarity with RESTful and GraphQL API design and integration.

#### Version Control

Proficient in Git, GitHub, or GitLab for version management.

#### Database Management

Knowledge of SQL (MySQL)

### Education

#### B.Eng Production engineering,

Faculty of Engineering

2017 – 2024 | Alexandria university, Egypt

### Summary

- Enthusiastic and detail-oriented junior full-stack developer with a strong foundation in both frontend and backend technologies, including **React.js**, **GraphQL**, **PHP** and **MySQL**. Skilled in creating responsive web applications and passionate about learning new technologies to solve real-world problems.
- Experienced in building and deploying personal projects that demonstrate my ability to translate user needs into functional features. Known for a quick learning curve, and a commitment to continuous improvement. Excited to contribute to a collaborative team environment and further develop my skills in a professional setting.

### Work History

#### Furniture Store, React.js, PHP, MySQL and GraphQL

- Developed a comprehensive e-commerce application with a **React** and **Vite** frontend and a custom-built **PHP**, **MySQL**, and **GraphQL** backend. The frontend offers a dynamic, responsive user experience with features like product filtering, sorting, and search capabilities. Implemented **React Router Dom** for smooth navigation and managed state across the app using **RTK** to handle cart functionality and user interactions.
- The backend API, built with PHP and GraphQL, handles all product data management, user interactions, and order processing. Designed efficient MySQL database schemas to store product information, user details, and order history, providing secure and structured data access. The use of GraphQL allows for flexible querying, ensuring optimal performance and ease of integration with the frontend.

#### Key Features:



- **Product Catalog:** Displays products with details such as image, title, price, and category.
- **Filtering and Sorting:** Allows users to filter products by category, price, and other attributes, and sort by various criteria.
- **Shopping Cart:** Users can add products to a cart, adjust quantities, and view the total cost dynamically.
- **Order Management:** Full backend support for handling orders, storing user data, and managing inventory in MySQL.
- **Responsive Design:** Ensures a seamless experience across desktop and mobile devices.
- **Optimized Performance:** Leveraged **Vite** for faster builds and PHP backend optimizations for quick data access.

**Technologies Used:** React, Vite, React Router Dom, Redux ToolKit, PHP, MySQL, GraphQL, TailwindCSS, Daisyui and JWT.


**Live Demo:** <https://roto-store.netlify.app/> 

#### Forntend Code:

<https://github.com/MohamedBediwe/Roto-store> 

**api:** [roto-store.ct.ws](https://roto-store.ct.ws)  || <http://mohamed-bediwe.onlinewebshop.net/> 

#### backend code:

<https://github.com/MohamedBediwe/graphql-ecommerce-api> 

## Languages

- English
- Arabic

### **Wordle Game, *React.js***

- Developed an interactive Wordle-style word-guessing game using *React.js*, providing users with a fun and engaging puzzle experience.
- Implemented a dynamic interface that tracks player guesses, highlights correct letters, and provides feedback on guessed words.
- Integrated responsive design principles to ensure a seamless experience across both desktop and mobile devices.
- Leveraged optimized React components for smooth game performance, including efficient state management for tracking gameplay status.
- Enhanced user experience with intuitive UI elements and animations, making gameplay both visually appealing and user-friendly.

#### **Key Features:**

- **Guessing Mechanism:** Allows players to make guesses, with visual feedback on correct, misplaced, and incorrect letters.
- **Dynamic UI:** Real-time updates and color-coded hints for user guesses.
- **Responsive Design:** Optimized for smooth gameplay on various screen sizes.
- **Performance Optimization:** Used efficient React components and state management for a quick game response.
- **Technologies Used:** *React.js, Axios, CSS, Netlify.*
- **Live Demo:** <https://mb-wordle-game.netlify.app/>
- **Code :** <https://github.com/MohamedBediwe/wordle-game>

### **Weather App,**

*JavaScript, HTML, CSS and OpenWeatherMap API*

- Created a weather application using *JavaScript* and the *OpenWeatherMap API*, providing users with real-time weather data for any location.
- Developed a responsive interface that adapts to various devices, offering users a smooth and accessible experience.
- Integrated API calls to fetch and display current weather conditions, temperature, humidity, wind speed, and more for any city searched by the user.
- Implemented location-based search and user-friendly input handling to enhance the accessibility of weather information.

#### **Key Features:**

- **Location-Based Weather:** Displays real-time weather data based on city search.
- **Performance Optimization:** Efficient use of API calls and DOM Manipulation for fast data display.
- **Responsive Design:** Ensures usability across desktops and mobile devices.
- **Live Demo:** <https://mohamedbediwe.github.io/Weather-App/>
- **Code:** <https://github.com/MohamedBediwe/Weather-App>