

# Toka Mohsen Mohammed Hefny

## Frontend Developer

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### PROFESSIONAL SUMMARY

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I am a dedicated Frontend Developer with expertise in React.js, JavaScript, HTML, CSS, and Bootstrap. I specialize in building responsive web applications, implementing CRUD functionalities, and integrating RESTful APIs. I am proficient in using state management tools such as Redux, as well as npm and Git, with a focus on writing clean, maintainable, and scalable code. Additionally, I have experience with backend development using Node.js, Express.js, and SQL databases. I am passionate about solving problems and contributing to impactful development teams.

### EDUCATION

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- |   |                              |
|---|------------------------------|
| HELWAN UNIVERSITY (CAIRO, EGYPT)  | September 2019 - August 2024 |
| <ul style="list-style-type: none"><li>• Accumulative grade: Excellent</li><li>• Top third accumulative for five years</li><li>• The top student on the computer engineering department in June 2023</li></ul> |                              |
| HELIOPOLIS INTERNATIONAL SCHOOL (CAIRO, EGYPT)  | 2016 - 2019                  |
| <ul style="list-style-type: none"><li>• AMERICAN DIPLOMA</li></ul>  |                              |

### COURSES & Internships

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- |   |                           |
|---|---------------------------|
| DIGITAL EGYPT PIONEERS INITIATIVE (CAIRO, EGYPT)  | June 2024 - December 2024 |
| Full stack development track -  |                           |
| <ul style="list-style-type: none"><li>• held by the ministry of communications and information technology (DEPI)</li><li>• Topics: HTML, CSS, JavaScript, React.js, APIs and Data Handling, State Management, Version Control, Nodejs, Express js, and SQL database</li></ul> |                           |
| EGYPTIAN BANKING INSTITUTE (CAIRO, EGYPT)   | July 2024 - August 2024   |
| Java Spring Advanced course-  |                           |
| <ul style="list-style-type: none"><li>• Topics: java fundamentals, Object-Oriented Programming (OOP), Java Collections, Concurrency, I/O Streams, Error Handling, Dependency Injection (DI) and Inversion of Control (IoC), Bean lifecycle and scopes</li></ul>               |                           |
| Basic Banking Principles course -   |                           |
| UDEMY   | May 2024                  |
| Javascript Fundamentals Course -  |                           |

### PROJECTS

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|---|--------------|
| Aquaculture water monitoring system (Graduation Project) - <a href="#">GitHub link</a>  | October 2024 |
| <ul style="list-style-type: none"><li>• <b>Description:</b> A system to monitor and manage fish tanks using real-time data.</li><li>• <b>Key Features:</b><ul style="list-style-type: none"><li>○ Tracks pH, temperature, and turbidity for tanks.</li><li>○ Automatic water treatments (pump, drain, feeder, heater).</li><li>○ Classifies fish species appropriate for the tested water</li></ul></li></ul> |              |

- This system uses the following technologies (embedded systems, web development, AI)

### E-Shop Website - [GitHub Link](#)

September 2024

- **Description:** Developed a shopping platform featuring cart management and product display.
- **Key Features:**
  - Add-to-cart functionality.
  - Dynamic updates to cart quantities and totals.
  - User-friendly UI for browsing and managing products.

### Admin Dashboard - [Github Link](#)

October 2024

- **Description:** Designed and built an admin dashboard using **Express.js** for managing product data.
- **Key Features:**
  - Search functionality to filter products.
  - A "Create Product" button leading to a form for adding new products.
  - Display of product details in a table format.
  - Backend powered by **Express.js** to handle data management and routing.

### Recipe Search App - [Github Link](#)

September 2024

- **Description:** Developed a web app for fetching and displaying recipes from an API.
- **Key Features:**
  - Dynamic generation of HTML to display recipe items.
  - Search bar for filtering recipes by keyword.
  - Clean, responsive design for a better user experience.

### Movie Website - [Github Link](#)

August 2024

- **Description:** Built a platform using JavaScript and the TMDb API to fetch and display movie data, including posters, titles, release dates, and popularity.
- **Key Features:**
  - Smooth hover effects to display backdrop images and movie details.
  - Search functionality for filtering movies.
  - Dynamic rendering of content.

## SKILLS

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- **Languages:** HTML, CSS, JavaScript.
- **Frameworks & Libraries:** React.js, Bootstrap, Pug.
- **Styling:** Responsive Design, Flexbox, CSS Grid.
- **Version Control:** Git, GitHub.
- **Tools & Build Systems:** npm
- **APIs & Data Handling:** REST APIs and JSON.
- **Other:** Cross-Browser Compatibility, Multilingual Support, and Basic knowledge of backend technologies (Express.js, Node.js).
- **Soft Skills:** good communication skills, good presentation skills, Openness to criticism

## LANGUAGES

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Arabic- Native

English - Professional (C1 Advanced)