

# Radwa Amer Farouk

## Frontend Web Developer

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### Profile

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Detail-oriented Front End Developer with 2 years experience working with Front-End technologies such as ReactJS, Redux, Typescript, Next.js, SASS, Bootstrap, Tailwindcss, MUI and other frameworks and libraries. Highly adept at both independent and collaborative projects, with an emphasis on design principles, patterns and best practices of the code. Extensive experience working with code versioning tools, browser testing and debugging, web development process, SEO principles, test driven development, asynchronous request handling, partial page updates, AJAX calls, consuming APIs and JSON. Familiarity with UI/UX tools. Having a problem-solving talent, search and debugging skills.

### Professional Experience

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| <b>Full-time Frontend Web Developer (On Site), Bedab Software</b> 🔗  | 11/2023 – 05/2024<br>Naser City, Egypt |
| <ul style="list-style-type: none"><li>- Building external websites from scratch (such as gaming platform and real estate agency).</li><li>- Refactor the old version of production with clean code principles and divide the structure into small snippets to be reusable easily.</li><li>- Analyzing the organization's requirements and working on designing a production that suits its goals.</li><li>- Working with a team to build courses, shopping and financial systems.</li><li>- Trying not to use libraries as much as possible and built features in pure language to get a high web performance.</li><li>- <b>Tools:</b> ReactJS, CSS Modules, React Slick, Redux Toolkit.</li></ul> |  |
| <b>Web Developer(Freelance), E-fashion Store Website</b>   | 03/2024 – 03/2024<br>Cairo, Egypt      |
| <ul style="list-style-type: none"><li>- Using Commerce.js which works as a database storing all data about the products and dividing them into categories.</li><li>- Building the whole app life cycle in <b>3 days</b>.</li><li>- <b>Tools:</b> Next.js   Tailwind CSS   react-paginate   commerce.js.</li><li>- <b>[GitHub Link]</b> 🔗 <b>[Demo]</b> 🔗</li></ul>   |  |
| <b>Frontend Web Developer Internship(Remotly), MYM(software company)</b> 🔗   | 09/2023 – 11/2023<br>Al Giza, Egypt    |
| <ul style="list-style-type: none"><li>- Handle filtering, search and pagination functions.</li><li>- Add localization feature.</li><li>- <b>Tools:</b> ViteJS - ReactJS - CSS Modules - Bootstrap.</li></ul>   |  |
| <b>Frontend Web Developer Internship(Remotly), Enseedling(software company)</b> 🔗  | 04/2023 – 06/2023<br>London, UK        |
| <ul style="list-style-type: none"><li>- Fixing bugs and refactoring an old project with clean architecture.</li><li>- Discussing and dealing with analysts for business requirements.</li><li>- Working with a team to build an admin panel for the company's main website.</li><li>- <b>Tools:</b> ReactJS - CSS Modules - API.</li></ul>   |  |

### Education

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<b>B.Sc.\ in Management Information System, Al-Shorouk Academy</b>	09/2019 – 07/2023
<b>Grade: B+ (Very good with honors)</b> 🔗	Al-Shorouk City, Egypt

## Educational Experience

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### Graduation Project, Security learning and data breach check website

10/2022 – 07/2023

Al-Shorouk Academy,  
Egypt

- Responsive website using elastic search that store huge breached data details; Searching by e-mail or phone number to check if the input data leaked before or not.
- Also solving security labs that are based on OWASP top 10 vulnerabilities.
- contains a QR code that you can scan by the phone camera and open the responsive website on mobile.
- Progressive Web App so you can download it as an application.
- I Led the team and involved in all SDLC of the project.
- **Tools:** HTML5 - CSS3 - Bootstrap5 - Javascript - PWA - PHP - Elastic search - Kibana
- **GitHub:** Graduation-Project [↗](#)

## Skills

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### Frontend basic Technologies

HTML5 - CSS3 - Javascript/Ecmascript 6 (ES6) - TypeScript - Search Engine Optimization (SEO)

### JS Testing Framework

Jest

### JS Libraries & Tools

jQuery - ReactJS - PugJs - Gulp.Js -Progressive Web App (PWA)

### Methodology

Agile Methodology (SCRUM Framework )

### CSS Preprocessor & Frameworks

SASS - Bootstrap5 - Tailwindcss

### React Framework & Libraries

Next.js - React Router - React Material UI (MUI) - Redux / Redux Thunk

### Version Controls

Git - GitHub

### Soft Skills

Problem Solving / Research Skills / Self-Learning / Communication / Team Work / Time Management

## Projects

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### Personal Portfolio

- Responsive personal portfolio contains my personal information, summary, skills, projects and ways to contact me.
- Using Formspree Library to send emails directly over the contact me form.
- **Tools:** HTML5 - CSS3 - Javascript - formspree library.
- **[GitHub Link]** [↗](#) **[Demo]** [↗](#)

### E-Commerce, Bikes Store

- Using JSON Server to retrieve JSON data about bikes data, reviews and users info.
- Utilize a Redux Toolkit state management library to manage the global state, including CRUD operations, data fetching and Thunk actions.
- Handle pagination, search, filter, and sorting functions.
- Manage the cart functionality.
- Utilize local storage to persist the user's cart across sessions.
- Using React Router to handle routing between pages.
- Implement images carousel slideshow.
- Design interactive modern UI with CSS animations.
- Using Google Translate NPM Package to implement localization to support multiple languages with translations.
- Adherence to the clean code principles, dividing the structure into small snippets and implementing custom hooks to be reusable easily.

- **Tools:** ReactJS - React Router - Redux - ReduxToolkit - CSS Animations - JSON Server - Glitch Server.
- [\[GitHub Link\]](#) [\[Demo\]](#)

### Food Recipes

- Responsive website uses API to get recipes' content, categorized into several groups based on: the country of origin, Ingredients of the recipe or the category of the food.
- **Tools:** Next.js - Bootstrap5 - CSS Modules - Swiper Library.
- [\[GitHub Link\]](#) [\[Demo\]](#)

### Admin Panel

- Handling CRUD operations.
- Using MUI to design user-friendly with modern UI.
- Using Nivo library to show stats via charts easily.
- Adding the dark and light theme switch provides a better user experience.
- **Tools:** ReactJS - React Router - Material UI - Nivo - JSON Server - Render.
- [\[GitHub Link\]](#) [\[Demo\]](#)

### Movies Platform

- Using TMDb API to get movies content and the result of searching.
- Using Redux to maintain and update data across the app for multiple components to share.
- **Tools:** ReactJS - React Router - React Hooks - Redux - Redux-thunk - Bootstrap5 - TMDb API.
- [\[GitHub Link\]](#) [\[Demo\]](#)

### Online Courses Platform

- Fetch API request to get courses, teachers and user information from fake local JSON files.
- ability to search for courses and teachers.
- adding the dark mode theme provides a better user experience.
- **Tools:** HTML5 - CSS3 - Vanilla JS - API.
- [\[GitHub Link\]](#) [\[Demo\]](#)

### Light Games

- **Tic-Tac-Toe**
  - **Tools:** HTML5 - CSS3 - Javascript - Parcel - Typescript.
  - [\[GitHub Link\]](#) [\[Demo\]](#)
- **Rock-Paper-Scissors**
  - **Tools:** HTML5 - CSS3 - Javascript.
  - [\[GitHub Link\]](#) [\[Demo\]](#)

## Volunteering

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### Open Source Contributor

- **Quote Generator Web App** [\[Demo\]](#)
  - Add social media share buttons, which can be used to share the quote on different social media platforms.
- **Products List Web App** [\[Demo\]](#)
  - Add a new column for "quantity", where user can increase and decrease the quantity of product using + and - buttons.

## Languages

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### Arabic

Native

### English

Intermediate