

Baher Dagher

+201017175828 | baherosama5828@gmail.com

[!\[\]\(919a2cb85b99741a73c0c31a427236a8_img.jpg\) Baher Dagher](#) | [!\[\]\(c9cd5a1c35167a83f09a35036fe5dcbd_img.jpg\) Portfolio](#) | [!\[\]\(ae1936640fabdea8c18f922ca69733fe_img.jpg\) Baher Osama](#)

Zahraa El Maadi , Cairo , Egypt

OBJECTIVE

Motivated Frontend Web Developer with expertise in creating responsive and user-friendly websites using HTML, CSS, JavaScript, jQuery, Bootstrap, and Tailwind CSS. Experienced in utilizing modern frameworks like React.js to enhance user experience and design interactive web applications. Seeking an opportunity to contribute my skills to a dynamic team, continuously learn new technologies, and develop innovative digital solutions.

COURSES

• FRONT-END DEVELOPMENT DIPLOMA

Feb 2024 - Sep 2024

[Route Academy](#) 

- HTML
- CSS
- Bootstrap
- Tailwind CSS
- JavaScript
- JQuery
- SASS
- React JS
- Hosting and Domains

• EMBEDDED SYSTEMS DIPLOMA

Dec 2021 - April 2021

[IMT School](#) 

- C programming language, C for embedded applications
- Mastering ATmega32 microprocessor and peripherals
- Dealing with communication protocols
- Working on real-time operating system (RTOS)
- Introduction to testing software engineering

EDUCATION

• B.SC. IN ELECTRICAL ENGINEERING

Sep 2017 - Jul 2022

[Faculty of Engineering - Cairo University](#)

Cairo, Egypt

- **Accumulative Grade:** Very Good (H) [80.28%]
- **Graduation Project:** Electrical service design for high rise hotel | **Grade:** Excellent

PROJECTS

• E-COMMERCE PLATFORM: [A FULLY FUNCTIONAL PLATFORM]



[Tools:](#) [HTML, CSS, JavaScript, Tailwind CSS, React.js, formik, yup, axios]

Features:

- User account creation and management
- Product categories and detailed listings
- Wishlist Cart
- Shopping cart and secure checkout
- Integration with payment gateways (e.g. Stripe)
- Responsive design for mobile and desktop views

- **MEALS PLATFORM: [A COMPREHENSIVE MEAL PLANNING PLATFORM]**



Tools: [HTML, CSS, Bootstrap ,JavaScript]

Features:

- View detailed meal recipes and instructions
- Explore meals by area, category, and ingredients
- Search for meals by name and first letter
- Access YouTube video links for cooking tutorials
- User-friendly interface with responsive design

- **SMALL-SCALE EMBEDDED PROJECTS :**

Projects Overview:

- **Digital Clock using ARM Cortex-M4:**

Implemented timekeeping, and TFT display using timers.

- **Calculator Application using AVR Microcontroller:**

Implemented arithmetic operations, keypad input, and LCD display output.

- **In additional to simple implementations:**

Motors control, collecting data from analog sensors, displaying output on LED Matrix and TFT, IR and STP communication, flashing and bootloader.

- **CLINIC MANAGING SYSTEM: [A SOFTWARE FOR MANAGING PATIENT RECORDS]**

Tools: [C Programming]

Features:

- Linked-List Data Structure for managing patient records and appointment queues
- Security measures to protect patient data

SKILLS

- **Programming Languages:**

C , JavaScript

- **Web Technologies:**

HTML , CSS , jQuery , Bootstrap , Tailwind CSS , React JS

- **Technical Skills:**

Data Structures (Stack, Queue, Linked list) , Microcontroller Programming (ARM Cortex-M4, AVR), Real-Time Operating Systems(RTOS), Communication Protocols (SPI, I2C, UART, LIN, CAN bus), Embedded Software Debugging , Hardware-Software Interaction , Tools (Eclipse, Proteus)

- **Soft Skills:** Problem Solving , Teamwork and Collaboration , Continuous Learning and Self Improvement

ADDITIONAL INFORMATION

- **Birthdate:** 10/02/2000

- **Nationality:** Egyptian

- **Languages:** Arabic (Native level), English (Proficiency level), German (Intermediate level)

- **Military Status:** Completed