


Karim Mamdouh Mohamed

Front End Developer

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 GitHub

 LinkedIn

 Portfolio

PROFILE

I'm an enthusiastic and detail-oriented Frontend Software Engineer with experience in troubleshooting, logical thinking and customer satisfaction seeking to use my skills in coding, troubleshooting complex problems, learning new technologies and assisting in the timely completion of projects.

WORK EXPERIENCE

Nov. 2022-Present Frontend Developer

Certified IT Consultants CIC

Achievements:

- Proposed & participated in the creation of a generic angular library that contains generic components, generic services, generic interceptors & generic directives.
- Participated in the creation of a core project that includes all required packages to be later downloaded & used in new projects

**Nov. 2021-Apr.2022 Development of Fan Testing System
Freelance**

Developed and designed full control system for testing commercial/residential fans, the system acquire readings from sensors & evaluate based on IEC 60879 standard

Technology: Arduino (GRBL firmware), MS SQL Server, .NET framework

Features: Test report, Database logging, Serial/ModBus interface and Printing

**Nov. 2019-Nov. 2021 Continuous Improvement Engineer
HETRONIC Division of Methode Electronics L.T.D.**

Responsible for improving & easing testing process by upgrading testing to semi-automated

**Nov. 2017-May 2019 Electronics Repair Engineer
HETRONIC Division of Methode Electronics L.T.D.**

Responsible for repairing boards that fail during testing

TECHNICAL SKILLS

Frameworks

- Angular
- React JS

Languages

- JavaScript
- TypeScript
- HTML5
- CSS3

- C#

Tools

- Bootstrap
- SASS
- Tailwind CSS
- Git

PERSONAL SKILLS

Work under pressure
Continuous improvement
Team work
Problem solving
Good communication
Leadership

EDUCATION

| | |
|-------------------|---|
| Apr.2022-Sep.2022 | Front-End & Cross-Platform Intensive Code Camp Information Technology Institute |
| Sep.2012-Sep.2017 | B.Sc. in Electrical & Electronics Engineering Higher Technological Institute (10th of Ramadan) <u>General Grade:</u> Very Good (3.03 GPA) <u>Project Grade:</u> Excellent <u>Graduation Project:</u> Automatic Receiver Testing JIG for Hetronic MFS family |

LANGUAGES

English (Fluent)

PROJECTS

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|--|-------------------------|
| ngx-lite-video Package Angular package for lazy loading embedded YouTube and Vimeo videos, improving page speed and user experience. <u>Technology:</u> Angular, TypeScript, npm and SASS | (Visit) |
| Happy Paws Animal Platform Web app that has all services and supplies for animals <u>Technology:</u> Angular, HTML5, CSS3, Bootstrap5, NgRx, PWA & Firebase | (Visit) |
| Yummy Taste Food recipes web app with recipe categories <u>Technology:</u> Angular, HTML5, CSS3, Bootstrap5, NgRx & PWA | (Visit) |
| Cards Memory Game Simple cards matching memory game with levels & hints <u>Technology:</u> HTML5, CSS3 & JavaScript | (Visit) |