

Karim Mamdouh Mohamed

Front End Developer

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PROFILE

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

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

TECHNICAL SKILLS

Frameworks

- Angular
- React JS

Languages

- JavaScript
- TypeScript
- HTML5
- CSS3
- C#

Tools

- Bootstrap5
- Git

WORK EXPERIENCE

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 <u>Technology:</u> Arduino (GRBL firmware), MS SQL Server, .NET framework <u>Features:</u> 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 <u>Achievements:</u> <ul style="list-style-type: none">- Creating semi-automated testing JIGs for 50% of harnesses produced (Software Controlled)- Eliminated wrong transmitter channel customer complaint by relying testing on item QR code
Nov. 2017-May 2019	Electronics Repair Engineer HETRONIC Division of Methode Electronics L.T.D. Responsible for repairing boards that fail during testing

PERSONAL SKILLS

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

PROJECTS

Happy Paws Animal Platform

[\(Visit\)](#)

Web app that has all services and supplies for animals

Technology: Angular, HTML5, CSS3, Bootstrap5, NgRx, PWA & Firebase

Yummy Taste

[\(Visit\)](#)

Food recipes web app with recipe categories

Technology: Angular, HTML5, CSS3, Bootstrap5, NgRx & PWA

Cards Memory Game

[\(Visit\)](#)

Simple cards matching memory game with levels & hints

Technology: HTML5, CSS3 & JavaScript

NOICELAND

[\(Visit\)](#)

Simple landing page

Technology: HTML5, CSS3 & Bootstrap5

LANGUAGES

English (Fluent)