

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 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)
General Grade: Very Good (3.03 GPA)
Project Grade: Excellent
Graduation Project: Automatic Receiver Testing JIG for Hetronic MFS family

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
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
Achievements:
- 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

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

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)