MIRNA SAMIR MOSAAD

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OBJECTIVE

Seeking a Job as Software Developer at your reputable company where my background can be well utilized.

EDUCATION

2014-2018   Ain shams University
Faculty of Computer and Information Science
 Computer Systems Department
 grade: Good
Graduation Project grade: Excellent with honors

SKILLS

Language skills:

- Native language Arabic.
- Good command of both written and spoken English.

Personal skills:

- Very strong communication and interpersonal skills.
- Ability to analyze and solve problems.
- Ability to learn new tasks quickly.
- Ability to work individually and as a co-operative team member.
- Self-motivated, dependable and goal-oriented.
- I was a presenter in baido student activity.

Technical skills:

- I have good knowledge in HTML5 & CSS3 & bootstrap (front end).
- I have strong knowledge in Data Structures and OOP concept.
- I deal with SQL Server, Postgre sql and gun, GraphQL, Firebase dbs
- Well known in C, C++, C#, and python , java script
- For frontend I have very good knowledge in Reactjs
- I have basics in php language
- I have basics in Angular

GRADUATION PROJECT

Name: IOT irrigation controlling & monitoring system

Objective: Building IOT system to make intelligent irrigation system to put specific strategy for irrigation.

It is an integrated Hardware component and Software (website & back end server), the admin can (add or update or delete) in Database by the website.

- Use in it .net MV, SQL Server , HTML , CSS to build the software and for Hosting the web site we use (ASP smarter)

Main phases:

Controlling:

- Sensor based control

  the system runs automatically based on soil moisture sensor readings

- Automatic irrigation control:

  The pump is turned on and after a specific period depends on some natural factors.

Monitoring:

- Thing speak

  Thing speak is an open source (IOT) application, It is a user reference as it analyze and visualize the reading of Sensors.

- Weather map

  It is an API which retrieve important information about the area of The land (wind speed – humidity – weather – temperature)

OTHER PROJECTS

- ➢ Sudoku Game (Assembly)
- ➢ Hospital system (C# applying OOP concept and data structure)
- ➢ Mimi google   (C++)
- ➢ Operating system (C)
- ➢ Bank management system (C++)
- ➢ POS (react js and Django)

EXPERINCE AND WORK

Courses

- I begin in ISTQB in foundation level
- Online course for React js from Udemy
- Angular - The Complete Guide (2020 Edition)

Certifications

- Certification of Cloud Application Developer 2018 Mastery Award for Student
- Certification for One-month training in Code lab Company as software tester.

Work

Two years   From September 2018 till now

Back& Front for smart systems

- o Job: Full Stack Developer
- o Experience: 2 years
- o Applications
  - ➢ Work on: build point of sale (POS) app with latest techniques
  - ➢ Build mobile application for online orders
  - ➢ Build chat application react and firebase
- **Technics:**
  - ▪ Wpf using (MVVM concept) and Xaml for forms design
  - ▪ Postgre for database for entity framework
  - ▪ Reactjs for frontend (Formik, ReduxForm, lodash library, Less, Saas, wepback, wrappers, hooks, Redux)
  - ▪ Axios for restful Apis
  - ▪ Django python for web framework
  - ▪ Familiarity with graph ql
  - ▪ Familiarity with Firebase real time database
  - ▪ GUN as an offline database
  - ▪ Socket io and lowdb for sync data
  - ▪ Deal with excel export and import json
  - ▪ Jest and ezyme for unit test

Month and half   From Dec 2020 till Jan 2021

DEXI   (Freelance)

- o Job: Front End Developer
- o Application
  - ➢ Work on: build system for dental clinics
- **Technics:**
  - ▪ React Js for frontend (React Hook Form, lodash library, Saas, Hooks, Redux Toolkit)
  - ▪ Axios for restful Apis
  - ▪ Django python for web framework
  - ▪ Matrial UI
  - ▪ Date-time fns

PERSONAL INFORMATION

Date of Birth: 05/08/1996
Marital Status: Single