HASSAN SAYED AHMED

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Software Developer at CHEP (Credit Hours Engineering Programs) Ain Shams University & Upagency.

Education

Faculty of Computer and Information Sciences Ain Shams UNI 2018

- **Department**: Information Systems.
- **Overall Grade:** Good.
- **Graduation Project:**
  - ❖ **Title**: Virtual Classroom using WebRTC Google Technology.
  - ❖ **Description:** Virtual Classroom offers integrated learning environment where there is video conference, text chatting, files transferring and screen sharing. Through these functions the instructor and students can communicate with each other without any restrictions as they in normal class even better than class.
  - ❖ **Grade:** Excellent.

Work & Experience

- **Full Stack Developer**
- CHEP (Credit Hours Engineering Programs) Ain Shams University Current Work

- **Full Stack Developer**
- NET3000 Canada (Previous Work)

- **Full Stack Developer**
  Upagency (Current Work)

Projects

- ❖ **Work Projects**
  - **Student Information System:** Develop new Features to Faculty of Engineering SIS. *(Mar2020-Present)*
- ❖ **Freelancing Projects**
  - **Railroad Trips Optimization:** Optimize Railroad Trips Based On Track Type, Signal System, Traffic Type, Speed, Number Of Blocks, LB Optimum, K Years, Capital Cost, Signaling Capital cost, Doubling Capital Cost, Block lengths, Traffic Composition, Link Length . *(2020)*
  - **MG Modern Online Shopping:** Display Company Products, Projects, Contact and Track Customer Requests. *(2020)*
  - **Contract MS:** Handle All Details About Contract and Owner Sequences. *(2020)*
  - **Thanwya Control MS:** Manage Control Results of Thanwya and Offer Some Services Like Results Details and Success Statement. *(2021)*
  - **Gym MS:** Manage Subscription , Packages , Offers , Product , Orders and There is New Way to Pay and Entering Using Sport Bracelet, This Bracelet Used As Wallet Can Subscribe and Make Order With It. *(2021)*
  - **Assets Tracking System:** Mange All Assets and Tags of Ripl and Manage Assets in Companies that Rent Assets , These Companies Can Send and Receive Assets in Their Factories or Stores or Distributors. *(2021)*
- ❖ **College Projects**
  - **Hotel Management Systems:** Console app implemented using C++ language that helps us to manage hotel and data related to employees. *(2015)*
  - **Employee Management Systems:** Manage data related to employees and the real benefit from this project is the practice on Data Structures. *(2016)*
  - **Hospital Management Systems:** C# Windows form Application that deals with all functions related to doctors and patients and type of patients. *(2016)*
  - **Query Module:** The main idea of this project is to implement SQL Server Query Module and retrieve data from XML files. *(2016)*
  - **Airline Reservation:** Project of Database Course, design and imagine the tables and all relation in airline reservation system. *(2017)*
  - **Pharmacy Management Web Based:** ASP.NET Project the main of functions of it is to manage pharmacy. *(2018)*

- **Online Shopping System:** Android App that help user to buy product and update quantities and view shopping list related to user account. *(2018)*
- **Search Engine:** Simple Search Engine with features of spell correction and crawler using initial seed that collect web pages and download it to search on it. *(2018)*
- **Big Data:** Our project on diamonds data set, our data set is a collection of 50,000 rows of diamonds data with its salary our goal is to make a prediction on this data using linear regression and visualize data. *(2018)*
- **Computer Security:** Security is considered an important thing to secure our data and all transactions done every day, so our project implements the most known algorithms using C# like AES, DES and so on. *(2018)*

Skills

1. **BACKEND**
   - ASP.NET MVC
   - ASP.NET MVC Core
   - ASP.NET WEB FORMS
   - PHP
   - Code Igniter
   - Laravel
   - C++
   - ENTITY FRAMEWORK
   - AJAX

2. **FRONTEND**
   - HTML
   - CSS
   - JAVASCRIPT
   - JQUERY
   - Bootstrap

3. **DATABASE**
   - SQL

4. **CONCEPTS**
   - OOP
   - DATA STRUCTURES
   - DATABASE ANALYSIS & DESIGN

5. **TOOLS AND IDES**
   - MICROSOFT VISUAL STUDIO
   - VISUAL STUDIO CODE, BRACKETS AND STORM
   - SQL SERVER
   - ORACLE
   - MY SQL
   - MICROSOFT OFFICE

6. **SOURCE CONTROL**
   - GIT HUB
   - Bitbucket
   - MICROSOFT AZURE

Interpersonal Skills

- Communication Skills.
- Problem Solving.
- Teamwork and Collaboration Skills.
- Self-Learning.
- Time Management.

Languages

- ***Mother tongue:*** Arabic
- English