AHDIEH EMADI

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TECHNICAL SKILLS AND KNOWLEDGE

Languages : Java, HTML5, CSS3, JavaScript (Angular 7), Python, C#, ASP.NET

Databases: MS-SQL, MySQL

IDEs: Eclipse, Visual Studio, Expression Web 4, NetBeans, BlueJ

Version Control System: Git, GitHub

Other: Object-Oriented Programming, Data structures and Algorithms, Software development

lifecycle (SDLC), MVC Architecture

EDUCATION

Diploma in Software Engineering   **2016**
Centennial College, Honors, GPA: 3.95

Azad University (IAU)
B.S. in Electronic Engineering

WORK EXPERIENCE

CyberMatic Solutions Inc., Toronto
   Business Analyst   **Jan 2018 – Apr 2020**
- Executed SQL queries to manipulate data in order to create ad-hoc reports.
- Translated requirements into SQL-based objects such as queries, functions, and stored procedures.
- Provided queries, create SQL tables and defining their relationships, write effective stored procedures and debug existing ones.
- Customized websites based on client's requirements using HTML5, CSS3, and JavaScript
- Provided end-user training for modified and new systems.
- Participated in weekly team meetings with managers and report on the progress of the projects.

Teknion Limited., North York
   Programmer Analyst   **Sep 2016 - Jun 2017**
- Developed and implemented effective solutions related to application integration and implementation functions as well as created user interface and database modifications for new software applications.
- Prepared business requirements documentation and translated to technical specification.
- Identified and debugged programming defects as well as added new features and recommended necessary modifications in new or existing Progress applications.
- Developed and maintained front end and back end for the below mentioned applications to improve sales control efficiency.

Projects:
- Teknion Text Standard Data for CAD: Improved the software efficiency and saved user's time to download and upload legacy data to corresponding table from spreadsheets.
- LMD Core BFI Mass Update using CSV files: enhanced database updating in a timely fashion.
- Teknion Fabric Calculator Upload: Modified database by adding 5 new tables and importing data using temp-tables and spreadsheets.
- Software Assessment: Optimized database by controlling the actions and tracking the users in an Audit project using Smart Objects.
- Teknion Certification of Insurance: Created a cloud platform project from a functional specifications document to allow the user to submit a request and create different views for different roles in the company to approve or reject the request in RunMyProcess using HTML5, CSS3, JavaScript

Microart Services Inc., Markham

Test and Troubleshoot Technologist   **Aug 2009 – Aug 2016**
- Developed one application in C# to do automation test of 96 electronic boards on one panel.
- Supervised receiving, stock and pick operation and ensured in time and accurate deliveries.
- Investigated, troubleshot down to Components level, and repaired functional or mechanical problems/failures with the test vehicle and test fixtures.
- Programmed AOI machine (Yes Tech) by Yes Vision software.
- Programmed FPGA (Field Programmable Gate Array) and Logic Devices (PLD), using Xilinx programming software tool and hardware support equipment.

CERTIFICATIONS

Oracle Certified Associate, Java SE 8 Programmer   **In progress**
Progress 4G Essentials - Certificate of Training   **2016**

PROFESSIONAL TRAINING

The Web Developer Bootcamp 2021, Udemy   **In progress**
How to Become a Software Developer from Scratch, Udemy   **In progress**
Web Development using Angular 7 and TypeScript, University of Toronto   **2019**
Java Programming and Software Engineering Fundamentals, Duke University   **2019**
Data Analytics: Basic Methods (CCPS 123)**, Ryerson University**   **2018**
Data Organization for Data Analysts (CCPS 110)**, Ryerson University**   **2018**
Data Structures and Algorithms (CCPS 305)**, Ryerson University**   **2018**
Mobile Applications for Android Devices, University of Toronto   **2017**