

## Imtiaj Hossain

Toronto, ON

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### Experience Summary

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- Extensive professional experience in software testing which includes Functional testing, Automation testing and Performance testing.
- Hands on Experience of preparation and execution of test cases using Selenium (Web Automation), and REST API Testing.
- Exposure to writing, reviewing and executing test scenarios and test cases.
- Solid Professional experience in SQL Server Database Administration covers installation, configuration, upgrade, migrate, data encryption, T-SQL, performance tuning, troubleshooting, SSIS, and SSRS.
- Work experience in different Data Modeling projects encompasses creating scripts, designing database, developing ER diagram, and following backward/forward engineering method.
- Experience in Software Development Life Cycle (SDLC) involves designing, modeling and developing user interface and various applications using different tools like Jira, Git and Visual Paradigm.
- Knowledgeable in client-side programming, object-oriented programming, web applications, cloud computing and software security.
- Familiar with C#, Java, Python, HTML5, CSS, JavaScript, SQL/T-SQL, JSON, XML, and bash scripting.
- Good Exposure to work on Agile-Scrum and Waterfall Models.
- Excellent technical skills, attention to detail, strong issue identification and problem solving skills.
- Good Analytical, Communication, interpersonal skills and an excellent team player.

### Technical Skills & Software Proficiency

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| • Operating Systems                   | : Windows, Unix/Linux, Windows Server and Ubuntu.               |
| • Virtualization & Cloud Technology's | : VMware, Hyper-V and Azure.                                    |
| • It Project Management               | : Jira, Trello, MS Office, HP ALM                               |
| • Advanced Databases                  | : MS SQL, Oracle, MySQL and MongoDB                             |
| • Integrated Development Environments | : Visual Studio, Eclipse, PyCharm, Visual Studio Code, and CLI. |
| • Version Control                     | : Git, Team Foundation Server (TFS).                            |
| • Software Automation Testing         | : Selenium, TestNG, Cucumber, Postman, SOUP UI and JMeter.      |

**Current Status:** Canadian Permanent Resident(**PR**)

### Education:

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Centennial College, ON

Enrolled: January, 2020

Advanced Diploma in Software Engineering and Technology

#### Academic Projects:

- Designed and modeled a Software Requirement Specification (SRS) for a neighborhood service to search available neighborhoods for resident's using different software diagramming tools.
- Designed and developed an Oracle database for a medical center to manage the patients, doctors, appointment, and medication information using Oracle SQL Developer 12C.
- Developed a website for a local real state agent and a restaurant using HTML5, CSS, and JavaScript that uploaded to the student web server using FTP applications.
- Developed a software application for BMI (Body Measurement Index) calculation to accept and edit inputs, and compile information using .Net Language and Windows form application.

Southeast University, BD

April 2014

Bachelor of Computer Science and Engineering

**Certification:**

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- AZ-104: Microsoft Azure Administrator
- 70-764: Administering a SQL Database Infrastructure- SQL Server 2016
- ISQTB Agile Testing Certification

**Professional Experience:**

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**Global Brand, BD**

February 2016 to August 2019

SQL Server Database Administrator

**Responsibilities:**

- Supported day to day operational activities such as monitoring, performance tuning like CPU/ memory/ disk I/O bottlenecks, troubleshooting, service requests and tickets, block and deadlocks.
- Installed, configured, and managed SQL Server 2014/2016/2017/2019 in dev, test, and production.
- Worked on Azure Services, IaaS, PaaS, migrated databases, build and deployed different products, managed and administrated resources, provisioned security, setup development, and test environment on Azure.
- Used Query Analyzer, Execution Plan, Extended Events, SQL Server Profiler, Database Tuning Advisor, PerfMon, Activity Monitor, DMVs, and DBCC for performance tuning and troubleshooting issues.
- Configured and managed AlwaysOn, Replication, and Fail-Over Cluster in SQL Server 2016/2017/2019.
- Scheduled jobs to automate different database related activities include backup, monitoring database health, disk space, backup verification, cleaning history, deleting old files, index, and fragmentation managements.
- Part of the project team migrated SQL Server 2008 R2/2012 to SQL Server 2016/2017.
- Managed and developed SQL Server Reporting Services (SSRS), SSIS packages and Data Warehouse.

**Labaid Group, BD**

May 2014 to January 2016

Test Engineer

**Project-1: Payment Processing Gate Way Implementation.**

Roll: Test Engineer

Description: This project aims to make smooth transaction through Visa/Master/American Express

**Responsibilities:**

- Reviewed and analyzed the functional requirements specifications (FRS), designed the requirement tractability matrix (RTM), and mapped the requirements to related test cases using HP ALM 11.5.
- Performed REST API testing by sending the request using Postman and verifying the responses.
- Developed and executed web automation test cases in cross browser using selenium web driver with TestNG integration in Java platform.
- Performed Backend testing by creating and executing SQL queries in MS SQL and MySQL.
- Managed test environment includes data management, bug tracking, issues resolution, and test signoff.
- Identified the bugs using Jira which are recorded and notified to developers and managers by creating reports.
- Handled the task of running test, debugging and unexpected events during the test run.
- Created test plan, strategy, cases, scripts based on functional specification, prepared test data for testing.
- Performed all types of manual testing includes Functional, GUI, Smoke, System, and Regression testing.

**Volunteer Experience:**

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**CISA, Centennial College, ON**

January 2020 to April 2020

Student Ambassador

**Responsibilities:**

- Assisted the office members of CISA in the International Welcome Day.
- Supported the CISA office administrators to supervise new international and visiting students.