

SAIMOON AZAD

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EDUCATION

Bachelor of Applied Science in Computer Engineering

September 2019

University of Ottawa, Ottawa, ON

Selected Coursework:

- Data Structures and Algorithms (Java)
- Introduction to Artificial Intelligence (Python)
- Databases (RDBMS, SQL)

PROFESSIONAL EXPERIENCE

Distributel

Software Developer

June 2021 – Present

Junior Software Developer

December 2019 – May 2019

- Work within an Agile team to develop and maintain a billing software application using VB6 and MS SQL
- Backend development and support for the online sales and customer portal using ASP.NET MVC, C# and MS SQL
- Plan, design, and execute tasks for projects such as creating new features, software migration and bug fixes
- Modify or create new stored procedures and make related functional, procedural and UI changes in VB6 to support new features and product launches
- Create and query relational database objects to fulfill ad hoc data requests and meet project requirements

SOFTWARE PROJECTS

Hotel Database System

- A Java EE project, emulating a hotel database management system.
- Used Java and Apache Tomcat server to implement the backend of the web application
- Used PostgreSQL to develop and design database objects
- Utilized Java ORMs to map the objects to the database tables

Keys

- A React Native Android application that stores and generates new passwords for the user
- Utilised Android Studio emulator
- Used Firebase authentication for secure user sign up and logins
- Firebase NoSQL cloud database was used to store the data.

Recipe App

- Android application written in Android Studio using Java and firebase to store recipes
- Programmed functionalities like filter, add, delete and ratings

Site blocker

- A simple Read/Write Python application which allowed the user to block any website by entering the domain
- GUI implemented using Tkinter

TECHNICAL SKILLS

Programming/ Scripting Languages – Java, Python, VB6, C#, HTML, CSS, JavaScript , C++ , C

Technologies/Environment/Libraries – MS SQL, PostgreSQL, ASP.NET, React Native, Bootstrap, ReactJS

Version Control – GIT, GitHub, Bitbucket, GitLab

Theoretical – Strong understanding of data structures, exposure to ETL with SSIS