
Software Developer

SDLC | Front End Development | Testing & QA | Customer Service

Summary of Qualifications

- Software Engineering Technology student with a specialization in Artificial Intelligence
- Experience in creating software and database from concept, design, testing, and implementation
- Self-motivated and tenacious with the ability to work well within a team setting, as well as independently
- Multilingual language skills: English, Bengali, Hindi

Technical Skills

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|-----------------------|--|
| • Python | Predictive analysis on textual data(AI), Gul application using Flask,Request |
| • Agile and Scrum | Software lifecycle, incremental development, and agile process |
| • Software Testing | Test Documentation, procedure, Analyzing the specification requirement |
| • SQL/PL | Database query, subquery, relational Database |
| • C# and Java | Front-end coding |
| • HTML 5 and CSS | Web designing with HTML and CSS |
| • JavaScript | Responsive web designing |
| • MongoDB | Backend data storage |
| • Git Repository | Code Versioning and collaborating with team members |
| • Express.js | Framework creation using node.js |
| • Unix/Linux | Unix Shell Command |
| • UX/UI designing | User story creation and requirement documentation |
| • Network Development | Server and client-server programming, HTTP, TCP/IP, FTP protocol |

Education

Software Engineering Technology - Advanced Diploma

Jan 2021 - Present

Centennial College, Toronto, ON

- Specialization in Artificial Intelligence (with **current GPA** - 4.181/4.5)

Current Courses:

Introduction to AI

Unix/Linux OS

Software System Design

Advanced Database Concepts

Object-Oriented Programming

Java Programming

Software Testing & QA

Client-Side Web Development

Supervised Learning

Academic Projects

Web Design – Health Informatics (<https://github.com/chitraroy>)

- BMR calculator

Software Requirements Specification Project – Retail Clothing Store

- Develop SRS for a web and mobile application intended to provide easy and intuitive online shopping
- Create diagrammatic representation through Microsoft Word, PowerPoint, Visio, Diagrams.net

Game Planner

- Organize a game with a selection of the type of game and play, and player names using Java DBMS

Email Sorter

- Develop sorter based on textual data and categorization
- Use Python library count vectorizer, Panda, NumPy, confusion matrix for predicting mail/spam

Work Experience

Customer Service Representative	Walmart, Toronto, ON	Nov 2018 - Sept 2021
Retail Merchandiser / Team Lead	Rona, Toronto, ON	Feb 2017 - Oct 2018