

# Varun Gagwani

Toronto, ON

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<https://www.linkedin.com/in/varun-gagwani-1700a3229>

<https://varungagwani.github.io/myProject/>

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## Technical Skills

- Programming skills in Python, Java, and C++
- Strong foundation in database and platforms like SQL, Oracle, relational database concepts, data warehouse concepts; big data analysis, software quality assurance, and web development
- Experience in translating business requirements into technical language
- Conducted gap analysis for process improvements, applications testing in DevOps environment, building use cases, testing and recording results
- Identified issues and root causes from application test results, and sufficiently documented the resolutions for timely closure of the issues
- Statistical Data Analysis with Python and Excel
- Researching and drafting Reports, and documenting process flow charts
- Hands-on experience with Office Productivity Tools such as Microsoft Office, Google Docs and Web interfaces
- Preparing and delivering presentations with PowerPoint
- Skills in designing and manipulating images in Photoshop
- Experience in tools like Google Docs, Microsoft SharePoint

## Education

- Pursuing Bachelors' Degree in Computer Science, Ontario Tech University – Completed 2<sup>nd</sup> Year in April 2023

## Course Experience

- Mathematics: Linear Algebra, Discrete Mathematics
- Computer Science: Object Oriented Programming (C++ and Java), Data Analysis with Python, Data Structures, Software Development & design, Databases, Algorithms, Computer Security, Big Data Analytics, Web Development, System Programming, Software Quality Assurance
- Electives completed: Business Communication, Intro to Entrepreneurship and Public Speaking

## Work Experience

### Technical Analyst

Preferential InfoSec Consulting Inc.

May 2022 – Aug 2022,

May 2023 – Aug 2023

- Performing Quality Testing on Business Applications against the use cases, documenting test scenarios and test results
- Maintaining issue logs and draft test reports
- Coordinating with developers, updating scripts, and preparing functionality test matrix
- Analysing data, troubleshooting issues, and investigating anomalies
- Preparing Reports and presenting the results
- Attending to internal and external customer inquiries, investigating, and preparing reports

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## Course Projects

- Used Matplotlib, Pandas, and Python to analyse student performance data and found modest connections between test preparation, lunch, race, gender, and parental education and results in the areas of reading, writing, and math for categorical categories. highlighted the numerical variables' significant positive connections, demonstrating analytical prowess and data-driven insights
- Created and put into play a 3x3 board game called Tic Tac Toe that is played online between two players. The user-friendly front end was created using HTML, CSS, and JavaScript, while the game logic and database were handled by Node.js and a RESTful API supported by MongoDB. Through distinct IDs, users may start or join games, and the system provides real-time input on the status and results of games
- Created a large PostgreSQL database, demonstrating proficiency with Java JDBC. Conducted activities like connection formation, tuple insertion with parameterized variables, and self-designed query implementation using cursor operations for accessibility with ease. Throughout the project, standards and exception handling procedures were strictly followed
- Led the comprehensive development of a user-centric website for Metallica Car Rental, from system planning to design class diagrams, ensuring seamless customer experience, robust inventory management, and efficient reservation processing. Collaborated with a dedicated team to deliver a high-quality, client-focused project meeting industry standards

## Soft Skills

- Ability to establish trusted relationships and work effectively with peers and senior team members
- Self motivated, and ability to prioritize and execute the tasks in multiple business and technical environments
- Strong verbal and written communication and presentation skills
- Ability to think critically, prioritize the tasks in multiple project environments
- Negotiating and resolving conflicts professionally
- Ability to learn and absorb new skills in a fast pace environment

## Volunteer Experience

2019 - 2020

- Assisted in stocking and distribution for a food bank at YMCA
- Supported in organizing Children's Holiday Party for CIBC Employees and their families
- Supported the participants at Sporting Life 10k Marathon
- Cataloguing of books, updating records and followed up missing materials at School Library

## Languages

English (fluent), French (Beginner), Hindi (fluent)