

PRABHJOT MALHI SINGH

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ASPIRING SOFTWARE ENGINEER

- ☐ Expertise in design, analysis, software development, methodologies, and testing.
- ☐ Excellent attention to detail, adaptability, and analytic abilities.
- ☐ Perseverance and interpersonal aptitude for use in a collaborative setting.
- ☐ Software Testing, Web Application Development, Web Development, Game Development, Mobile Application Development, and Cloud Computing expertise.
- ☐ Proficiency in IT project management, Agile methodologies, the software development life cycle, and systems integration.

TECHNICAL SKILLS

Languages/Frameworks: C#, Java, JavaScript, HTML, CSS, Python, SQL, Shell Script, React, Bootstrap, Express, Spring, JSON, SQL.

Tools/Technologies: Visual Studio, IntelliJ, Oracle, Anaconda Navigator, Spyder, AWS, Microsoft Azure, Postman, MongoDB, Git, MS Office, Linux/Unix Operating Systems.

EDUCATION

Software Engineering Technician

Jan 2023– Apr 2024

Centennial College, Toronto, ON

- ☐ Achieved a GPA of 3.9 As of 3rd Semester
- ☐ **Courses completed include:**
 - Programming 1 Software Requirements Engineering
 - Programming 2 Unix/Linux Operating Systems
 - Web Application Development

Java Programming
Web Interface Design

Science, Technology, Engineering, And Mathematics

August 2020-June 2022

Centro De Cultura Inc., Cauayan City, Isabela, Philippines 3305

- ☐ Achieved a Average Grade of **94**

PROJECT EXPERIENCE

HydroFx Application | Java Programming

November 2023 – December 2023

Project Github link: <https://github.com/Prabhyy/HydroFx-Application>

- ❑ FXML and Java integration of user interface (UI) elements with application logic for a JavaFX application that I designed and developed.
- ❑ Implemented connections to Oracle SQL databases in order to facilitate data persistence and retrieval within the application.
- ❑ Robust error management has been implemented to ensure proper validation of user input and database connectivity.
- ❑ User Interaction and Design: Developed user interfaces and managed user interactions using the JavaFX framework.
- ❑ The estimation logic involved the development of algorithms that compute annual hydro bill estimates by utilizing user inputs.
- ❑ Developed a system for inserting and retrieving hydro records, thereby facilitating data-driven decision making in the area of data management.
- ❑ Controlled versions of the source code by utilizing Git to maintain a streamlined and navigable project history.
- ❑ Technical Stack: Demonstrated full-stack development capabilities by utilizing Java, JavaFX, FXML, and SQL.

My Portfolio | Web Application Development

October 2023 – December 2023

Project Github link: <https://github.com/Prabhyy/My-portfolio>

Render Link: <https://my-portfolio-738i.onrender.com>

- ❑ Prototype Design: Constructed comprehensive user stories and low-fidelity prototypes.
- ❑ Quality Assurance: Conducted acceptability testing to verify compliance with user story specifications.
- ❑ Application module programming, testing, and debugging for software engineering.
- ❑ Deployment to the Cloud: The web application was autonomously deployed to Render.
- ❑ User Interface Development: Employed HTML, CSS, and JavaScript to design a variety of web interfaces.
- ❑ Effective Database Management: Constructed an operational database that facilitated the smooth integration of data.
- ❑ Technical Environment: HTML, Javascript, CSS, ASP.NET, Node.js, Express, and Git version control experience.

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WORK EXPERIENCE

Shoppers Drug Mart

May 2023-Dec 2023

180 Danforth Ave, Toronto, ON, M1K 1N1

- ❑ Adhered to Backroom Inventory Management (BIMI) procedures and maintained an organized backroom product area.
- ❑ Conducted daily operations utilizing the PDT and MMS systems.
- ❑ Responds to incoming customer phone calls.

Postal Clerk, Canada Post

180 Danforth Avenue, Toronto, Ontario, M4K 1N1

July 2023 – August 2023

- ☐ Mail Sorting: Organize mail by codes and addresses, manually or with machines.
- ☐ Data Entry: Record and update tracking information in systems for item tracking.
- ☐ Cash Handling: Sell postal products and process payments accurately.

Sales Associate

Manpreet Singh General Merchandise - Cauayan City Philippines, 3305

Jan 2020 – Dec 2022

- ☐ Maintained and organized product displays.
- ☐ Handled product inventory
- ☐ Handled customer's inquiries via phone and in person
- ☐ Delivered customer's orders to their designated location