

# TOUFIQ CHARANIA

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## OBJECTIVE

Aspiring software engineering student with practical experience as a Junior Software Developer, seeking internship opportunities. Proficient in programming and software development methodologies, with a strong academic foundation. Eager to apply knowledge in a dynamic team environment, contribute to innovative solutions, and gain hands-on experience on real-world projects.

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## EDUCATION

### Computer Systems Technology - Software Development & Network

#### Engineering Advanced Diploma

January 2023 - December 2025

Sheridan College, Oakville ON

- Relevant Coursework: Java Enterprise (Object-Oriented Programming), Data Structures and Algorithms, Web Programming, Cloud Enabled Networks, Database Design and Implementation
- Clubs: Workshop Coordinator at Google Developer Student Club
- GPA: 3.66 / 4.0

### Honours Bachelors of Arts - Political Science

June 2012 - June 2017

Brock University, St. Catharines ON

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## PROJECTS

### Java Spring Boot Bookstore Application

Technologies Used: **Java, Spring Boot, Spring DevTools, Spring Web, Spring Security, Spring Sessions, Lombok, Thymeleaf, Git**

- Developed a **Java Spring Boot** application for a bookstore with user registration and login functionality
- Utilized SQL database to store user data, book information, and shopping card details
- Implemented features allowing users to select and view books, add books to their shopping cart, change quantities, and proceed to checkout
- Ensured a secure and user-friendly experience through proper authentication and authorization mechanisms
- Developed the front-end user interface for the bookstore using **HTML, CSS, and JavaScript**

### Expense Tracking Application

Technologies Used: **Java, JavaFX, File I/O, Password Hashing, Scene Builder, Git**

- Developed a **Java**-based expense tracking application that allows multiple users to register and log in, create expense lists, assign expenses to different users and calculate individual user totals
  - Developed the application's GUI using **JavaFX** and **Scene Builder** that comprises several screens
  - Stored user login credentials securely using hashing methods
  - Ensured a well-structured and maintainable codebase by implementing the **Model-View-Controller** architectural pattern to separate responsibilities
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## EXPERIENCE

### Junior Software Developer Intern (Co-Op), Skill Squirrel, Mississauga ON

January 2024 - May 2024

- Resolved frontend and backend issues as assigned on Jira
- Addressed layout issues, including problems with tables and lists, enhancing visual quality and interactivity of web pages
- Worked closely with senior developers to resolve complex issues
- Ensured all resolved tickets were thoroughly reviewed and tested before merging into main codebase
- Tech stack: React.js, JavaScript, HTML, CSS, Git, Jira

### Strategic Account Manager, Total Power Limited, Mississauga ON

April 2018 - September 2022

- Served as primary contact for correspondence between the customer, subcontractors and technicians to ensure efficient resolution of issues and timely project execution
  - Handled all aspects of national accounts, including billing and tracking completion of safety procedures, SOWs, and MOPs
  - Streamlined billing process, directly resulting in a 150% increase in billing accuracy and a 50% decrease in the billing workflow process
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## TECHNICAL SKILLS

**Programming Languages:** Java/J2EE, C, C#, React, JavaScript, TypeScript, HTML, CSS

**Frameworks and Libraries:** JUnit, Spring Boot, React, Angular, Node.js

**Database Management:** SQL (MySQL, PL/SQL), MongoDB

**Software and Tools:** Git, Jira, IntelliJ, CLion, Eclipse, Visual Studio (Code), Visual Paradigm, Azure Data Studio, Studio 3T

**Cloud Computing:** Amazon Web Services (AWS)