

# Shashwat Regmi

Canadian Citizen | [www.shashwatregmi.github.io](http://www.shashwatregmi.github.io)

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## Education

**The University of British Columbia**

**May 2023**

**Bachelor of Science (B.Sc.) in Computer Science, with Distinction**

- **CGPA:** 3.9/4.0 (A) - Dean's Honour List Recipient
- **Relevant Coursework:** Software Engineering/Construction, Internet Computing, Algorithms and Data Structures, Advanced Relational Databases, Machine Learning/Data Mining, Data Visualization, Computer Hardware and Operating Systems, Matrix Algebra, Calculus I/II/III.

## Experience

**Software Developer, Analyst**  
**Citi**

**July 2023 - Present**  
**Toronto, ON**

- Currently undergoing comprehensive training and onboarding in various technologies and concepts related to software development, financial markets, and version control systems including SQL, Java, Python, and Git.

**Developer Intern, RBC Amplify**  
**Royal Bank of Canada**

**May 2022 – Aug 2022**  
**Toronto, ON**

- Innovated a patent pending end-to-end framework, using TypeScript, Node.js, Kafka, Angular, and MongoDB, that streamlines the insight delivery flow by providing proactive client-specific recommendations to investment advisors.
- Developed and called APIs that authenticate and deliver insights with prioritization, tracking, and ranking functionality.
- Spearheaded the effort to pull insights from various sources in order to standardize the delivery flow, resulting in over 20% time savings for advisors and 10% increase in customer satisfaction.

**Software Engineer (Part-Time)**  
**Change Healthcare**

**Dec 2021 – Apr 2022**  
**Vancouver, BC**

- Led the development of a full stack web application using C#, .NET, APIs, and React that pulls thousands of records from GCP BigQuery based on user entered parameters, and generates user-friendly customizable reports.

**Software Development Engineer Intern**  
**Change Healthcare**

**Sept 2020 – Aug 2021**  
**Vancouver, BC**

- Implemented a back-end Windows Service Server using C# and .NET Core, that continuously communicates with cloud applications for status updates/facilitation of encryption keys rotation, leading to over 90% time savings for support staff.
- Developed a full stack web application using C#, .NET, APIs, and React, that facilitates the connection and data transfer between mission-critical on-premise medical imaging systems and cloud applications through autonomous key rotations.
- Implemented an application that pushes custom metrics, from over 10 imaging systems, to Google StackDriver and Grafana which reduced error identification/diagnosis time by over 50%.

## Projects

**ComputerMag | Java / JavaScript / SQL / HTML / CSS**

**Nov 2022**

- Created web application that allows users to view computer and component details through a variety of filterable and searchable reports as well as read/write reviews. Implemented SQL Queries and APIs that facilitate CRUD operations.

**InsightUBC | TypeScript / HTML / CSS**

**Dec 2021**

- Created full stack web app that displays course statistics/trends using parsed/processed data from JSON and HTML files.
- Developed REST APIs using Node.js/Express.js and created comprehensive tests using Mocha and Chai.

**my laundry | Java / Google Firebase**

**Dec 2020**

- Built a full stack mobile application, using Java and Cloud Firestore, that allows authenticated users to search and book communal laundry machines based on real-time machine availability and date/time filters.
- Implemented features such as a unique pin code generation system for every booking as well as the ability to track historical bookings and usage details.

## Skills

**Languages:** Java, C#, JavaScript/TypeScript, Python, C++, C, SQL, HTML, CSS.

**Other:** Object Oriented Programming, Software Development, Data Structures & Algorithms, Version Control, Debugging, Product Testing, Google Cloud Platform, Container Systems.