Shashwat Regmi

Canadian Citizen | www.shashwatregmi.github.io

regmishashwat@gmail.com | (604) 352-7530 | github.com/shashwatregmi | linkedin.com/in/shashwat-regmi

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   **July 2023**
Citi   **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   **May 2022 – Aug 2022**
Royal Bank of Canada   **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)   **Dec 2021 – Apr 2022**
Change Healthcare   **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   **Sept 2020 – Aug 2021**
Change Healthcare   **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.