

# Samarth Roy

Toronto, ON  
(778) 922-6190

samarthroy2106@gmail.com  
samroy2106.github.io/dev-react-portfolio

## EDUCATION

University of Victoria, Victoria, BC

Apr 2022

BSc Computer Science, Software Engineering Option, Business Minor

## WORK EXPERIENCE

Business Tools Developer – Tantalus Systems, Burnaby, BC

Jan 2019 – Aug 2019

- Completed web-service integration project to accept, process and create RMA (Return Merchandise Authorization) tickets for one or more returned products using Java and APEX, enabling savings of approximately \$55,000 annually.
- Performed business systems, server, database administration and troubleshooting.
- Completed feature requests such as adding fields to reports or optimising reports for the company's internally used platforms.
- Produced easy-to-follow procedural documentation and detailed project documentation.
- Maintained clear, and constant communication with internal stakeholders by presenting project progress on a weekly basis.

## SKILLS

Javascript, PHP, Python, Java, C, R, Apex, Qiskit, Q#, React.js, Node.js, Express.js, jQuery, SQL, Git, Shell Scripting, Assembly, Spring, Hibernate, Maven, Jest, Unit Testing, REST web-services, SOAP web-services, Documentation

## TOOLS

Atlassian JIRA, Atlassian Confluence, Salesforce, MS Office Suite, GitLab, MySQL, PostgreSQL, MongoDB, Figma, Balsamiq, Gliffy, Windows, Linux, Wireshark, Postman, SOAP UI, Eclipse IDE, Jupyter Notebooks

## PROJECTS

Chat App

Aug 2021

A chat app built using Node.js and socket.io to allow multiple users to chat and share their location in real time. The app features chatrooms that users can join to share messages within specific chatrooms.

Task Manager

July 2021

A task management app backend built using Node.js, Express.js and mongoose that keeps track of task statuses for multiple users. The app features authentication using jsonwebtokens as part of the login/ logout feature, file uploads using multer and sharp for user avatar pictures, sending welcome/ cancellation emails using SendGrid, and jest and supertest for unit testing.

Face Reader Webapp

Apr 2021 – May 2021

A full stack web app built using React.js, Node.js, Express.js and Postgres that uses a face recognition API to detect faces in images given the image URL. The app features Registration, Sign In/ Sign Out, and User Entry Count.

Student Contact Manager Webapp

Sept 2020 – Oct 2020

A full stack Student Contact Manager webapp built using HTML, CSS, PHP, jQuery, jQueryUI, and MySQL to keep detailed records of students in a Datatables format. The app features the ability to add, edit, delete, and clone all fields for each student record. It also features an Admin Panel containing a Gender Admin Page to add new selectable genders to the database and consequently the frontend, and a Logging Page to log all actions and any errors from the app. Both frontend, and backend validation checks are implemented, along with CSRF protection.

To view more programming and business-related projects, please visit my Github page at <https://github.com/samroy2106>

## REFERENCE(S)

Surjit Singh – Senior Business Tools Developer (Tantalus Systems, Burnaby, BC)

ssingh@tantalus.com, (778) 919-7634

Simran Sandhu – Senior Financial Advisor (CIBC, Brampton, ON)

simmk08@gmail.com, (647) 970-2422