

# Samarth Roy

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samroy2106.github.io/ba-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

### SOFT SKILLS

Time Management, Communication Skills, Teamwork, Organization Skills, Decision Making, Problem Solving, Attention to Detail, Active Listening, Analytical Thinking

### TECHNICAL SKILLS

Requirements Elicitation, Process Modelling, Object Modelling, Data Modelling, Diagramming, Prototyping, Use Case Creation, Documentation, Unit Testing, Python, R, SQL, Java, C, Javascript, PHP, Apex, React.js, Node.js, jQuery, Express.js, Git

### TOOLS

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

## CERTIFICATIONS

**TechCavass ECBA Certification Prep Course**

**May 2022**

Completed 21 hours of professional development and cleared final exam to receive certificate of completion.

## PROJECTS

**HealthLink BC Nutrition Manager Webapp (System Analysis)**

**Sept 2020 – Dec 2020**

Conducted comprehensive systems analysis including profiling, diagramming (Fishbone, Functional Decomposition, Context Diagram, DFDs), Process Modelling, Refining Requirements, Risk Assessment, UI Modelling, Object Modelling, Use Case Creation and Database Design to create detailed specifications for a novel Nutrition Management app for HealthLink BC.

**Immersion VR Tours – Virtual Reality product (Customer Development Research)**

**June 2020**

Prepared a presentation, performed a survey, and subsequent statistical analysis to guide customer development research insights, conclusions, and future steps.

**University Course Registration Webapp (Requirements Engineering)**

**Sept 2019 – Dec 2019**

Iteratively developed detailed requirements documents and mock-ups to aid application development, remove ambiguity, and present prototypes to stakeholders. Conducted elicitation interviews, maintained constant communication with stakeholders, and clarified assumptions throughout the requirements engineering process.

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)**

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