

Samarth Roy

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samroy2106.github.io/ba-portfolio

EDUCATION

University of Victoria, Victoria, BC

Sept 2017 – 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, Express.js, jQuery, Git, REST, SOAP, Networking, Debugging, Troubleshooting

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

TechCanvass 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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