



SATNAM WALIA

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TECHNICAL SKILLS

Programming Languages:	C, HTML, Java, MySQL, Python, Typescript
Accessibility tools:	Adswere, Axe DevTools, Wave
Test Frameworks:	Jasmine, Jest, JUnit
Programming Tools:	VSCode, IntelliJ
Other Tools:	Axure, ChatGPT, Figma, Jira, Postman, Power BI
Methodologies:	Agile development, Extreme programming

EDUCATION

École de technologie supérieure (ÉTS) Bachelor Software Engineering	Sep 2020 - Expected Jun 2025
Vanier College DEC Computer Engineering Technology	Sep 2016 - Jun 2020

WORK EXPERIENCE

Shared Service Canada (SSC) <i>Programmer Analyst Intern</i>	Jan 2024 - April 2024
<ul style="list-style-type: none">• Collect requirements from end users and identify opportunities to create the automation strategies• Conceptualizing data that extracted from Azure database for dashboards and reports• Develop solution for automated workflows, data visualizations and reports	
Royal Bank Of Canada (RBC) <i>Software Developer Intern</i>	Jan 2022 - Dec 2022
<ul style="list-style-type: none">• Achieved a 25% increase in user engagement with enhanced experience and functionality of webpages• Improved the analysis of user experience by 20% through the implementation Google Analytics• Reduced pipeline failure by 50% via peer review of new code before merging into production• Ensured 100% in accessibility compliance by utilizing accessibility tools• Implemented unit testing on new code, which reduced bug count by 40%	

PROJECTS

Big Data <i>Java, Pub/Sub, Map/Reduce, K-mean</i>	2023
<ul style="list-style-type: none">• Developed Publisher to dispatch data in the correct format to the shuffler, ensuring efficient data flow.• Developed Mapper for workload distribution across cluster nodes, emitting key-value pairs per input data.• Implemented tests for Publisher and Mapper, validating their functionality and reliability.	
STM-TomTom <i>Docker, Documentation, Quality Attributes</i>	2023
<ul style="list-style-type: none">• Crafted availability schematics and documentation, substantially boosting system resilience and continuity.• Developed performance schematics, significantly enhancing system efficiency and reliability.	
Jira Ticket Metric <i>Jira REST API, GitHub API, Splunk, Angular, TypeScript, Postman</i>	2022
<ul style="list-style-type: none">• Developed a script to extract insights from over 10,000 Jira tickets, providing data for stakeholders• Created a Splunk script to periodically post and visualize the data into a graph with a trendline	

ACHIEVEMENTS

Generative AI Fundamentals Introduction to Large Language Models and Introduction to Responsible AI	Google Jan 2024
Startup School: Gen AI (In Progress) Courses about Google Cloud's latest gen AI tools and solutions	Google Jan 2024 - Present
Cloud Digital Leader (In Progress) Understanding of core cloud products and services	Google Dec 2023 - Present
Java Foundations 1Z0-811 (In Progress) Hands-on Java knowledge and skills	Oracle Nov 2023 - Present