

# Danyaal Patel

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## EXPERIENCE

### Associate Software Developer

September 2023 - May 2024

*Absolute Security (Formerly Absolute Software)*

*Vancouver, Canada (Hybrid)*

- Developed and implemented Java-based software components and **RESTful APIs**, focusing on robust design, implementation, and testing to meet client and stakeholder requirements.
- Deployed and contributed to microservice components using Jenkins, Kubernetes and ARGO.
- **Lead daily Agile scrum meetings** and participated in backlog refinement and sprint planning.
- Helped maintain team quality benchmarks by achieving **90%** code coverage in unit tests for new code.

### Java Developer

September 2022 - January 2023

*Albertsons Companies*

*Vancouver, Canada (Hybrid)*

- Created Powershell and command line scripts to connect an API interface to company semi-trucks.
- Developed automated scripts for **16 distribution centers across the United States** that automatically executed weekly to gather and format logistics data in JSON form, enabling critical review and operational adjustments.
- Implemented essential JUnit tests in Java-based repositories, **increasing code coverage by 25%**.
- Authored comprehensive support documentation for both the technical support team and end users.

### Application Programmer Analyst

September 2021 - January 2022

*Provincial Health Services Authority (PHSA)*

*Vancouver, Canada*

- Contributed to the development, implementation, and testing of a **.NET-based website**, adhering to stringent development standards and wireframe documentation requirements.
- Provided system troubleshooting for web and database issues, implemented **database updates using SQL queries**, and **augmented** the site with additional pages and menus.

### Sales Specialist

September 2023 - January 2024

*Apple*

*Vancouver, Canada*

- Identified customer needs and showcased **product features**, enhancing **product knowledge** through training.
- Built relationships with customers by providing support, answering questions, and following up on **purchases**.

## PROJECTS

### Escape From Corona | Java, Maven, JavaFX, JUnit, Swing GUI

SFU SWE Class

- Developed a coronavirus-themed, multi-level **2D** maze game using Java, featuring rewards, punishments, and moving enemies with pathfinding algorithms. Focused on front end including UI, menu screens, and audio integration.

### iCradle | React, Python, TypeScript, Docker, HTML/CSS

SFU Special Projects Class

- Supported a technological healthcare system developed in partnership with King's College London, focusing on improving maternal care and **reducing preventable maternal deaths in Ugandan villages**.
- Served as **Product Owner**, managed business needs from stakeholders to technical partners, and contributed to coding, maintaining, fixing bugs, and introducing new features to ensure efficient project execution.

### StockStarter | JavaScript, React, Next.js, Tailwind, Firebase, Stripe, OpenAI

Headstarter SWE Fellowship

- Developed an **AI-powered flashcard app** that dynamically generates study materials on stock and finance topics from user inputs, featuring login capabilities and the option to save flashcards for personalized learning.

## EDUCATION

### Simon Fraser University

Burnaby, Canada

*Bachelor of Science in Computer Science & Joint Major in Business Administration*

*May 2024*

## CERTIFICATIONS

### Certified ScrumMaster®<sup>®</sup>, Scrum Alliance

August 2024

### Artificial Intelligence & Blockchain WIL Certificates of Completion, ICTC

April 2022

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, C/C++, SQL, TypeScript, HTML/CSS, React, Powershell

**Frameworks & Libraries:** JUnit, Spring Boot, jQuery, Tailwind, Next.js, Material-UI, ASP.net, Bootstrap

**Developer Tools:** Git, Docker, Maven, ArgoCD, Jenkins, MongoDB, Kubernetes, IntelliJ, VS Code

**APIs & Project Management:** Firebase, Jira, Confluence, AWS, Stripe, Vercel, Clerk, OpenAI, Figma, Sharepoint