

Danyaal Patel

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EXPERIENCE

- Corporate VC & Business Analytics Extern @ HP** Aug '24 - Sep '24, *Remote, USA*
- Utilizing advanced data analytics for strategic evaluations, expected to assist in deal sourcing and due diligence for pre-seed and seed stage startups specializing in Generative AI productivity tools.
 - Set to **conduct market research** and collaborate with venture capital teams, using SQL and Excel to analyze and present startup data, identifying promising investment opportunities.
- Software Engineering Fellow @ Headstarter AI** Jul '24 - Sep '24, *Remote, USA*
- Led the development of key projects, integrating **cutting-edge technologies** and **AI-driven solutions**, while gaining practical experience in **web development** and participating in mock scenarios and hackathons.
 - Served as **Scrum Master, facilitating agile processes** while ensuring team collaboration and project delivery.
- Associate Software Developer @ Absolute Security** Sep '23 - May '24, *Vancouver, CA (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.
 - Led daily Agile scrum meetings** and actively participated in backlog refinement and sprint planning.
 - Maintained team quality benchmarks by achieving **90% code coverage** in unit tests for all new code.
- Sales Specialist @ Apple** Sep '23 - Jan '24, *Vancouver, CA*
- 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.
- Java Developer @ Albertsons Companies** Sep '22 - Jan '23, *Vancouver, CA (Hybrid)*
- Connected an API interface to company semi-trucks** by creating PowerShell and command-line scripts
 - Automated weekly data collection and formatting in JSON for **16 distribution centers across the United States**, enabling critical operational reviews and adjustments.
 - Increased code coverage by 25%** by implementing essential JUnit tests in Java-based repositories.
 - Authored comprehensive support documentation for both the technical support team and end users.
- Application Programmer @ Provincial Health Services Authority** Sep '21 - Jan '22, *Vancouver, CA*
- Developed, implemented, and tested a **.NET-based website**, with a focus on **augmenting it with new pages and menus** while strictly adhering to development standards and wireframe documentation.
 - Executed **database updates with SQL queries** and troubleshoot web and database issues.

PROJECTS

- Escape From Corona** 🚀 | *Java, Maven, JavaFX, JUnit, Swing GUI* SFU SWE Class
- Engineered a coronavirus-themed, **multi-level 2D maze game**, 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
- Reduced preventable maternal deaths in Ugandan villages by 22%** by supporting a technological healthcare system developed in partnership with King's College London, with a focus on improving maternal care.
 - 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
- Created 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 & CERTIFICATIONS

- Bachelor of Science in Computer Science & Joint Major in Business Administration** May 2024
Simon Fraser University
- SAP Technical Consulting Job Simulation, SAP, Forage** September 2024
- Certified ScrumMaster® (CSM®), 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