

Danyaal Patel

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| github.com/dpatel12 | danyaalpatel.com | Open to relocation within North America

SKILLS

Languages: Java(4yrs), Python(5yrs), JavaScript(2yrs), SQL(4yrs), C/C++(2yrs), HTML/CSS(3yrs)

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

Developer Tools: Git, Docker, Kubernetes, Jenkins, ArgoCD, Maven, Jira, PowerBI, Firebase, PowerShell, Tableau

EXPERIENCE

Software Engineering Fellow @ Headstarter AI

Jul '24 - Sep '24, *San Francisco, USA*

- Led the development of 3 full-stack projects, using AI-driven solutions to enhance web development proficiency.
- Maintained **100% sprint velocity** as Scrum Master for a team of 5 developers, facilitating daily standups

Software Development Engineer @ Absolute Security

Sep '23 - May '24, *Vancouver, CA*

- Improved security and scalability for **600,000 Chromebook endpoints** by developing Java components including RESTful APIs used by **2,000+ global customers**, leveraging Spring Boot and Maven.
- Enabled systems to detect **120,000 monthly security events** and supported a rollout to **1,000+ school districts** by deploying and contributing to 6 Chromebook microservices using Jenkins, Kubernetes, and ArgoCD.
- Achieved 90% unit test coverage, enforcing quality standards and reducing post-deployment defects.

Software Engineer @ Albertsons Companies

Sep '22 - Jan '23, *Vancouver, CA*

- Saved over **500 operational hours monthly** by integrating an API interface with company semi-trucks using PowerShell and command-line scripts.
- Supported **16 U.S. distribution centers** by implementing cloud-based JSON data automation and authoring support documentation for technical teams.
- Increased backend reliability by boosting JUnit test coverage by 25% in Java repositories.

Software Engineer @ Provincial Health Services Authority

Sep '21 - Jan '22, *Vancouver, CA*

- Enhanced a .NET website by developing **10+ new pages and menus**, improving usability for **1,200+ internal users**, while collaborating with stakeholders to align with business requirements.
- Executed **50+ SQL database updates** and resolved 20+ front-end issues, improving reliability and consistency.

Corporate VC & Business Analytics Extern @ Hewlett-Packard

Aug '24 - Oct '24, *Remote, USA*

- Utilized advanced data analytics** for strategic evaluations and assisted in deal sourcing for pre-seed and seed stage startups specializing in Generative AI productivity tools, identifying promising investment opportunities.
- Conducted market research with venture capital teams, using SQL/Excel to analyze and present startup data.

PROJECTS

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

- 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

- 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

- 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 June 2024

Simon Fraser University

AWS Certified Cloud Practitioner, *Amazon Web Services (AWS)*

May 2025

Certified ScrumMaster® (CSM®), *Scrum Alliance*

August 2024