

Arshdeep Singh

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Summary

Innovative Software Developer II with 3+ years architecting full-stack solutions in fintech. Demonstrated excellence in delivering high-impact projects like HSBC acquisition (\$1B+ AUM) and Canada's first FHSA platform. Technical leader experienced in React, .NET, AWS, and LLM integrations, with a focus on scalable, accessible solutions.

Work Experience

- May 2025 – **Software Developer II**, *Stripe*, Toronto, ON.
Present
 - Working on the UAX team to secure and enhance user authentication experiences across Stripe's global payment infrastructure.
- Aug 2023 – **Senior Software Developer**, *Royal Bank of Canada*, Toronto, ON.
May 2025
 - Contributed to the largest acquisition in Canadian banking history, integrating HSBC clients into the RBC Direct Investing platforms, adding \$1B+ to AUM while ensuring on-time delivery with reusable development, agile feature toggles, and modern React patterns.
 - Redesigned the Direct Investing homepage using a scalable design framework, incorporating responsive and accessible elements to improve user engagement.
 - Assisted in enabling foreign market trading, expanding global reach.
- Sep 2021 – **Software Developer**, *Royal Bank of Canada*, Toronto, ON.
Aug 2023
 - Led front-end changes for Canada's first-to-market First Home Savings Account (FHSA) on RBC InvestEase, delivering within 4 months and enabling \$100M in Q1 investments
 - Developed bulk account approvals, reducing manual processing by 40%.
- Jan 2021 – **Software Developer Co-Op**, *Royal Bank of Canada*, Toronto, ON.
Apr 2021
 - Engineered Java Spring batch data migration tools for legacy system decommissioning, significantly reducing QA workload.
 - Selected to meet RBC's Group Head of Technology & Operations for exceptional performance.
- May 2020 – **Software Developer Co-Op**, *Portable Intelligence Inc.*, Markham, ON.
Aug 2020
 - Developed proof-of-concept UDP protocol integration layer for Artemis computer vision system, creating new revenue stream for company.
 - Implemented automated software update system, eliminating need for on-site client visits and saving hundreds of man-hours annually.

Education

- Jan 2018 – **Honours Bachelor of Technology – Software Development (BSD)**, *Seneca College*,
Aug 2021 Toronto, ON.
 - GPA: 4.0
 - President's Honour List: Fall 2018 - Summer 2021

Skills

Languages C# · JavaScript/TypeScript · HTML/CSS · Java · C/C++ · Python

Frameworks .NET (Core and Framework) · ReactJS · NextJS · React Native · NodeJS · LangChain
Databases MongoDB · DynamoDB · MySQL · PostgreSQL · MS SQL Server · ChromaDB
Other Object oriented design · Data structures and algorithms · LLM + RAG integration ·
Computer Vision · Shell scripting · RESTful APIs · Git · GitHub CI/CD · AWS
Serverless · Figma

Projects

Flag fusion, *NextJS, TypeScript, Amazon AWS, Git/GitHub, Figma.*

A responsive web app to color any flag in the colors of another flag, built to test Meta's local llm supported development.

<https://github.com/arshwaraich/FlagFusion>

NexHUB, *React Native, AWS Amplify, Figma, Git/GitHub.*

A Cross platform (iOS/Android) application for managing a user's health data in an emergency.

Awards

One RBC Team Award, *2023 Q3, 2024 Q1, 2024 Q3.*

Recognized for work in the HSBC acquisition, FHSA delivery and the Direct Investing Home redesign project, improving cross-functional collaboration and achieving key milestones on time.
Royal Bank of Canada

Certificate of Recognition, *April 2020.*

In recognition of contributions to innovative research and entrepreneurial activities at Seneca.
Presented at the Annual Applied Research, Innovation & Entrepreneurship Showcase.
Seneca Applied Research

RBC AmpHacks Top 5, *October 2020.*

For creating a video-sharing app for seniors called SocialDisco.
RBC AmpHacks