

# Samuel Poulin

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Education	<b>Polytechnique Montréal</b> Bachelor of Engineering — Software Engineering	Montreal, QC May 2023
Work Experience	<b>Inspectify</b> Full Stack Developer	Montreal, QC (Remote) Nov. 2023 — Present
	<ul style="list-style-type: none"><li>Built features in Ruby on Rails, React and React Native to support multi-factor authentication and multi-unit property inspections, which drove revenue growth and enabled internal teams with more advanced inspection templates</li><li>Collaborated with other Rails engineers to maintain and expand the GraphQL API, preventing N+1 issues and optimizing ActiveRecord queries with eager loading for reduced latency</li><li>Authored comprehensive technical documentation based on product feature requests</li><li>Took ownership of resolving technical issues for internal teams by deploying and monitoring hotfixes</li><li>Built a Playwright end-to-end testing suite from scratch and integrated it into our CI/CD pipeline flows</li></ul>	
	<b>Chatter by Stingray</b> Full Stack Developer	Montreal, QC June 2023 — Nov. 2023
	<ul style="list-style-type: none"><li>Took a leading role in initiatives to refactor core modules of the main Ruby on Rails codebase to improve stability</li><li>Collaborated with senior engineers to design and build a new product MVP that uses LLMs to analyze customer feedback</li><li>Dockerized legacy projects to standardize development environments, cut down the onboarding time for new engineers and simplify the pipeline configurations</li></ul>	
	<b>Stingray Digital</b> Software Engineering Intern	Montreal, QC Summer of 2021 & 2022
	<ul style="list-style-type: none"><li>Built new pages for the Stingray Account website, allowing users to view their subscription details and edit payment details</li><li>Developed highly reusable React components for the company's internal design system, which are imported across multiple codebases</li><li>Took a leading role in the design and implementation of a video streaming product MVP by leveraging Next.js, websockets and internal APIs. This prototype has now evolved into the companion app feature of the Stingray Karaoke in-car entertainment app</li></ul>	
	<b>National Bank of Canada</b> Software Engineering Intern, IT Funds Management	Montreal, QC May 2019 — Jan. 2020
	<ul style="list-style-type: none"><li>Consolidated multiple excel macro utilities into one scalable C# application, continuously delivering new features and automating repetitive tasks for the operations team</li><li>Collaborated directly with funds management stakeholders to define feature requirements</li><li>Implemented scheduled jobs within SCCM, using SQL Server queries to manage packages and deploy updates to employee laptops</li></ul>	
Projects	<b>Ça Bouge</b> Marketplace for professional movers and their customers	Personal
	<ul style="list-style-type: none"><li>Designed and developed a marketplace platform connecting moving companies with customers using Figma UI mockups, Next.js, GraphQL and PostgreSQL</li><li>Implemented queries using PostGIS in order to determine if customers are moving within the operating zone of a moving company</li></ul>	
	<b>SonoNurse</b> Real-time mixed reality medical assistance system	4th year project
	<ul style="list-style-type: none"><li>Built a system enabling remote medical experts to guide on-site healthcare workers using live video feeds within a HoloLens headset using websockets and WebRTC</li></ul>	
Technical Skills	<b>Languages:</b> Fluent in English and French <b>Programming Languages:</b> TypeScript, Ruby, SQL, C++, C#, Python, Java, Kotlin, HTML/CSS <b>Frameworks &amp; Technologies:</b> Next.js, Rails, React, React Native, Nuxt, Vue, GraphQL, MongoDB <b>Developer Tools &amp; Platforms:</b> Docker, CircleCI, Expo, PayloadCMS, Git	