

Montreal, Canada

**Samuel Poulin**

(1) 438-883-8159

[samuelpoulin.ca](http://samuelpoulin.ca)

[github.com/SamuelPoulin](https://github.com/SamuelPoulin)

[samuel-poulin@outlook.com](mailto:samuel-poulin@outlook.com)

[linkedin.com/in/samuel-poulin](https://linkedin.com/in/samuel-poulin)

## Skills overview

Languages	Fluent in English and French
Programming Languages	Javascript / Typescript, C++, C#, Python, Java, SQL, HTML/CSS
Frameworks and technologies	Next.js, React, Angular, Node.js, GraphQL, Git, Docker / compose, Electron, Socket.IO, Unity, Linux, WebRTC, docker-compose, Firebase, MongoDB, Google Cloud Platform, Styled Components / Emotion, Preact, Vite, Strapi
Mobile	React Native, Kotlin, Flutter
CI/CD	Concourse CI, Bitbucket, Gitlab, Github

## Education

**Polytechnique Montréal**

*B. Eng. – Software Engineering*

Montreal, Canada

2018 – 2023

## Experience

**Stingray Digital**

*Software Engineering Intern*

Montreal, Canada

May 2022 – August 2022

**Stingray Digital**

*Software Engineering Intern*

Montreal, Canada

May 2021 – August 2021

- Contributed to new features for multiple projects, including the Stingray Account and the company's React component library;
- Took a leading role in the implementation of a video streaming prototype app using Next.js, websockets and internal APIs;
- Took on weekly deliverables and collaborated with coworkers using Jira;
- Participated in the code review process using Gitlab;
- Next.js (React), Redux, Docker, Typescript, Node.js, Redis, Concourse CI.

**National Bank of Canada**

*Software Engineering Intern, IT Funds Management*

Montreal, Canada

May 2019 – Jan 2020

- In charge of developing new automation utilities within an internal application;
- Met with internal clients to define feature requirements before they are implemented;
- Git, SQL Server, C#, SCCM.

## Vélocité Conseil

Full Stack Developer

Montreal, Canada  
Sept 2020 – Jan 2021

- Collaborated with a small and agile team to develop and iterate on the startup's MVPs;
- Adapt to rapidly changing requirements and understand the needs of the client;
- React, Typescript, Firebase.

## Projects

---

### Ça Bouge

Marketplace and management solution for moving companies and individuals

Personal  
[cabouge.ca](https://cabouge.ca)

- Responsive UI prototyping using Figma;
- Divide tasks and track progress using Trello;
- Build reusable React components and providers;
- Optimize data fetching and SEO with server side rendering;
- Next.js, Typescript, GraphQL, Docker, PostgreSQL, Redis.

### SonoNurse

Real-time mixed reality medical assistance system

4th Year Project

- Divide and track tasks in a team of 5 students using Jira;
- Implement real-time audio and video between 3 clients using WebRTC;
- Development of a mobile app, a web frontend, a Hololens app and a backend server at the same time;
- React, React Native, Typescript, Socket.IO, Docker, Redux, Unity, C#.

### Polydessin

Real-time web-based drawing game

3rd Year Project  
[github.com/SamuelPoulin/neopolydessin](https://github.com/SamuelPoulin/neopolydessin)

- Implement real-time communication between web and mobile clients;
- Angular, Typescript, Electron, Socket.IO, MongoDB, Kotlin.

### Seam

Self-hosted appointment scheduling system

Personal  
[github.com/SamuelPoulin/seam](https://github.com/SamuelPoulin/seam)

- UI prototyping with Figma;
- Build an interactive calendar dashboard populated with data fetched from the backend.
- React, Node.js, Express, Typescript, MySQL.

## Extracurricular

---

### President

PolyTV, the videography club of Polytechnique Montréal

Jan 2018 – Sept 2021