

Montreal, Canada

Samuel Poulin

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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

Personal

Marketplace and management solution for moving companies and individuals

- 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

4th Year Project

Real-time mixed reality medical assistance system

- 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

3rd Year Project

Real-time web-based drawing game

github.com/SamuelPoulin/neopolydessin

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

Seam

Personal

Self-hosted appointment scheduling system

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