# Anne-Sophie Simon

Toronto, ON • in/ansimon1/ • https://github.com/annesophiesimon

## SKILLS

Javascript(ES6, React, Redux, Node, Express), TypeScript, HTML/CSS3, Git
Bilingual (French, English)

## EXPERIENCE

**Software Engineer | Change.org**                    **Nov 2019 - Sept 2022, Remote, Canada**

• Built and maintained multiple membership projects by gathering requirements, designing architecture, and breaking down user stories. Collaborated with agile cross-functional teams, resulting in a 90% increase in user retention for membership verticals and an increase of $3.5M in LTV/year for program support expansion across all countries.
• Implemented web accessibility changes following WCAG guidelines, leading the team in collaboration with QA and using screen reader to enhance awareness. Achieved ADA-compliant membership flow through successful changes.
•Enhanced stability through code reviews and the implementation of unit and regression tests using Jest, Mocha, and TestCafe. Additionally, I ensured the integrity of the CI/CD pipeline while creating monitoring charts using Splunk and Amplitude for proactive identification and resolution of production issues.
• Proficiently designed and developed user interfaces in adherence to Figma design specifications. Leveraged GraphQL for optimized data management using micro frontend and design system principles to enhance reusability.
• Utilized containerization (Docker) and orchestration tools to manage and deploy microservices effectively, contributing to improved overall system stability and performance.

**Junior developer | Datapole (startup)**                    **June 2018 - Oct 2019, Paris, France**

• Successfully delivered end-to-end predictive analytics software solutions for multiple clients by working closely with data scientists using Java, JavaScript, and MySQL.
• Designed and implemented user interface charts using SenchaJS to display analytics and predictions generated by data analysts. These charts help organizations make informed business decisions based on data-driven insights.
• Perform database migration and customization and regular optimization of queries and indexes to ensure high performance. These efforts contributed to maintaining a robust and scalable system for the organization's clients.
• Diagnosed and resolved software issues and reduced client complaints by 25% through strong problem-solving skills.

## PROJECTS

**E-commerce (In progress)**                    **July 2023**
• Created a comprehensive REST API for a digital product-focused e-commerce application using Node, Express and PostgreSQL.
• Built the database structure, enabling seamless operations for users, carts, products, orders, and sessions.
• Utilized Firebase Storage to efficiently manage downloadable digital elements within the application.
• Implemented user registration and authentication, including third-party service integration (Auth0), enhancing user experience and security.

**Packages Memo**                    **May 2023**
• Orchestrated end-to-end app development allowing users to manage favorite package dashboards. Leveraged Node.JS, ExpressJS, MongoDB, React, and Redux. Deployed on Vercel.
• Designed and built database and RESTful API, incorporating robust authentication using MVC architecture. Enabled authenticated users to perform CRUD operations.
• Integrated React, Redux, and Tailwind CSS to create an intuitive UI/UX, empowering users with secure management of their memo dashboard.

**RedditLite**
                    **February 2023**
• Built a RedditLite project to allow users to view and search posts and comments provided by the API.
• Utilized Redux to manage app states efficiently and Jest to rigorously test the project for reliability and accuracy.
• Deployed and built CI/CD pipeline with GitHub Pages and Actions, resulting in seamless deployment.

**Gym member guide platform** April 2018

· Developed an engaging gym member guide platform utilizing Node.js, React, and MySQL. Empowered users with features like profile creation/authentication and advanced search functionality.
· Designed and implemented a streamlined back-office interface for managing gym content. Enabled seamless updates, creation, and deletion of content resources.
. Created a responsive user interface allowing members to search for gym machine names, muscles, or exercise names. Integrated video explanations, alleviating concerns for new members starting their fitness journey.

## EDUCATION

**Simplon.co** – Diploma in software development · Paris, France 2018
 · Java programming, algorithms, data structures and object-oriented programming principles
**Doranco** – Bachelor of web project management · Paris, France 2017
Cergy Paris University – DUT of Communication services and network · Sarcelles, France 2013