

Antonio Santos

Software Engineer

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🌐 portfolio

⌚ antondotio

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EXPERIENCE

Phreesia

Software Engineer

Ottawa, Canada

Nov 2022 - Oct 2024

- Designed, developed, and maintained scalable **RESTful APIs in C#/.NET**, integrating with external healthcare systems including **EMR/EHR platforms, FHIR, and HL7 standards**.
- Modernized and enhanced legacy **internal tools and features**, supporting four enterprise clients and improving system usability.
- Implemented comprehensive unit testing using **NUnit and Moq**, increasing code coverage and reducing production defects.
- Monitored and analyzed integration logs across hundreds of healthcare practices using **Sumo Logic**, creating dashboards and alerts to accelerate issue detection and resolution

WestJet with UCalgary

Lead Backend Developer

Calgary, Canada

Sept 2021 - May 2022

- Software engineering capstone project, sponsored by WestJet in partnership with the University of Calgary.

- Designed and developed a **flight recommendation system** and **flight history tracking service** using **JavaScript and Hapi.js**

- Integrated the services with **WestJet's commercial APIs** and used **Vue and Storybook** to help visualize the data and the prototype

Chata.AI

Backend Software Developer Intern

Calgary, Canada

May 2020 - Aug 2021

- Contributed across the full **software development lifecycle (SDLC)**, including system **design, implementation, testing, deployment, and troubleshooting**
- Built and maintained a **greenfield AutoQL** demo application using **Java, Spring Boot, and PostgreSQL**, supporting business development and customer demos
- Designed and implemented **high-performance, scalable microservices and RESTful APIs in Python and Flask** to automate internal data and analytics pipelines
- Partnered with **front-end engineers** to integrate backend services, align API contracts, and accelerate service deployment

SKILLS

Languages C#, Java, Python, JavaScript, C, C++, SQL, HTML5, SASS, CSS

Frameworks SpringBoot, Flask, Axios, React, Vue, Node.js, Hapi.js, Express.js, Flutter, Socket.io, WPF

PROJECTS

Pulse New York – <https://www.chaseyourpulse.com/>

Tech Stack: **Wix**

- As the Co-founder and Technical Lead, I designed and built the company's e-commerce platform, handling product catalog, checkout and order fulfillment.
- A small perfume business specializing in designer-inspired scents with the goal of making luxe brands more accessible and affordable.

Personal Portfolio – <https://antondotio.github.io/>

Tech Stack: **HTML5, CSS, SASS**

- Built and maintain a personal portfolio website to document and demonstrate software engineering projects.
- Continuously iterate on design and content based on feedback and evolving technical skills

peachAt

Tech Stack: **JavaScript, Express, React, CSS, SASS, Socket.io**

- A messenger app where you can join, choose a nickname and color, and talk with friends. Responsive to both web and mobile medias.
- Uses JavaScript, Express and Socket.io in the back end to perform the logic and send messages to clients. The front end is written in React in a bright, peachy color scheme

EDUCATION

University of Calgary, Schulich School of Engineering

Calgary, Canada

Bachelor's of Science in Software Engineering