

# Luis Souza

Web, Mobile and Application Developer & Designer

Ottawa, ON

(613) 618-4878

[lhmscanada@gmail.com](mailto:lhmscanada@gmail.com)

[appdevcanada.vercel.app](https://appdevcanada.vercel.app)

Front-End Developer with 10+ years of experience building intuitive, high-performance web applications using React, TypeScript, JavaScript, and modern UI frameworks. I focus on creating clean, scalable component architectures and integrating complex, real-time data into responsive interfaces.

I work effectively with distributed teams, collaborate closely with backend developers, and deliver features end-to-end—from requirements and UI design to implementation, testing, and refinement. I'm committed to high-quality code, accessibility (WCAG), and thoughtful UX.

My background spans front-end and full-stack development, enabling seamless API integration and a strong understanding of cloud-connected systems. I also enjoy mentoring developers, leading Agile ceremonies, and contributing to a collaborative engineering culture.

## Education

09/2018 - 04/2020 **Mobile Application Design & Development**  
**Algonquin College**, Ottawa, ON  
GPA: 3.91/4.0 – Honours | Dean's List

01/2004 - 06/2006 **Business Management**  
**Anhembi Morumbi University**, Brazil  
GPA: 8.8/10

## Certification

**Design Thinking Practitioner | IBM** – 2020

## Professional Experience

### Full-Stack Developer

*PHD Solutions, Burlington, ON • April 2021 – Present*

- Designed and developed React/TypeScript with styling UI libraries, increasing platform engagement by 25%.
- Built and deployed scalable ASP.NET APIs on AWS, improving reliability and uptime.
- Conducted code reviews and mentored junior developers, promoting best practices and code patterns.
- Reduced API latency by 40% through performance tuning and DynamoDB optimization.
- Actively contributed to Agile sprints and planning sessions, supporting a collaborative and high-performing environment.

### Web Developer – Style Expert

*Coaching Association of Canada, Ottawa, ON • Jan 2021 – Mar 2021*

- Refactored legacy ASP.NET web app into a responsive, accessible interface, improving usability scores by 85%.
- Applied WCAG 2.0 AA standards across the platform, ensuring compliance and inclusivity.
- Consolidated 18 K+ lines of SASS into 75+ reusable style components, ensuring compliance and inclusivity.

### Team Lead / iOS Developer

*Fitted – Startup, Ottawa, ON • Jan 2020 – Dec 2021*

- Led a cross-functional Agile team of 14 developers and designers to deliver a React and GraphQL-powered MVP on time and on budget.
- Built iOS features in Swift using ARKit and third-party SDKs, contributing to a 4.8-star App Store rating.
- Supported the Web application developed in React with GraphQL and PostgreSQL.
- Facilitated daily stand-ups, retrospectives, and sprint planning, aligning with global team members.

### Full-Stack Developer / Research and Program Assistant

*Algonquin College, Ottawa, ON • Jan 2019 – Aug 2020*

---

### *Driven High Performance Lab – Startup*

- Designed the framework and Information Architecture from Backend to Frontend.
- Designed and launched a MERN-stack analytics platform that visualized real-time lab data.

### *HTO*

- Developed a Bluetooth-enabled and Wi-Fi IoT system with C++ and JavaScript for environmental monitoring.

### *Mobile Application Design & Development*

- Provided technical mentorship to 40–60 students per term in React, JavaScript, Swift, Kotlin, and C#, enabling high grades of 7+ per student.

### *Makerspace*

- Automated 3D printing workflows and access control using Google APIs, reducing manual tracking by 60%.
- Established some Makerspace controls, creating safe user guidelines, procedures and KPIs to manage staff and students' projects.

## **CEO / COO**

*Cloud 3D, Brazil • Jan 2016 – Jul 2018*

---

## **Lead Web Developer**

*SulAmerica Insurance Co., Brazil • Jun 2012 – Dec 2015*

---

- Created a project coordination dashboard for 60+ corporate IT initiatives, improving visibility and collaboration.
  - Instituted front-end coding standards, reducing onboarding time for new developers by 30%.
  - Ensured full cross-browser compatibility and supported technical proposals for C-level presentations.
- 

## **IT Compliance Manager**

*Santander Bank, Brazil • Mar 2007 – May 2012*

---

## **Full-Stack Developer / Project Lead**

*SulAmerica Insurance Co., Brazil • Feb 2002 – Feb 2007*

---

## **Skills**

- **Front-End:** React, TypeScript, JavaScript (ES6+), C#, WPF, Redux, Material UI, HTML5, CSS3, SASS/LESS, WCAG 2.0 AA, Responsive Design
  - **Back-End:** ASP.NET (C#), Node.js, REST APIs, GraphQL, AWS (Lambda, S3, API Gateway), Azure
  - **Databases:** SQL Server, PostgreSQL, MongoDB, DynamoDB
  - **Dev Tools:** Git, Docker, Visual Studio, VS Code, XCode, Figma, Balsamiq, Adobe Suite
  - **Mobile:** Swift, Kotlin, Xamarin
  - **Other:** UI/UX Design, Agile/Scrum, Cross-Team, C++, Data Visualization (Plotly), Augmented Reality
- 

## **Languages**

English • Portuguese • Spanish • French (core)

---