

# Luis Souza

## Mobile, Web and Application Developer & Designer

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Advanced knowledge of Mobile, Web and Application development and programming languages.

Education and experience focused on both sides - tech & business - plus, project management, leadership and design.

### Education

2018-09	<b>Mobile Application Design &amp; Development</b>
2020-04	<b>Algonquin College</b> - Ottawa   ON <i>Magna Cum Laude with Honours</i>   Dean's List (2019/2020) GPA: 3.91/4.0
2004-01	<b>Business Management</b>
2006-02	<b>Anhembi Morumbi University</b> - Sao Paulo   BR GPA: 8.8/10.0

### Certification

2020-03	<b>Design Thinking Practitioner</b>   IBM
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### Professional Experience

2021-04	<b>Full-Stack Developer</b>
Present	<b>PHD Solutions</b> - Burlington   ON <ul style="list-style-type: none"><li>Developed React/TypeScript web application with Redux, and an IoT solution with .NET back-end.</li><li>Developed ASP.NET web application with Identity server, SQL server, Azure.</li><li>Developed WPF (Windows Presentation Foundation) application using .NET Framework and Web APIs on AWS (Amazon Web Services) environment.</li><li>Published Web APIs in AWS API Gateway and Windows application in AWS S3 for the application user's access and versioning control for updates.</li><li>Monitored Web APIs access and use with AWS CloudWatch and other AWS tools.</li><li>Supported the application databases in AWS DynamoDB and adapted/improved them whenever needed.</li></ul>
2021-01	<b>Web Developer - Style Expert</b>
2021-03	<b>Coach Association of Canada</b> - Ottawa   ON <ul style="list-style-type: none"><li>Converted a whole web application developed in ASP.NET to be responsive for mobile and web.</li><li>Reviewed the whole CSS styles of the web application with +18K lines using SASS.</li><li>Organized, normalized and grouped the styles generating +75 major groups.</li><li>Reviewed and applied WCAG 2.0 AA to all possible conditions.</li></ul>
2020-04	<b>Software Developer</b>
2021-12	<b>Fitted - Startup</b> - Ottawa   ON <ul style="list-style-type: none"><li>Developed the iOS App features with Swift 5, using AR Kit 3 (Augmented Reality), Apple ID, Google and Facebook SDKs, with Apollo, GraphQL and PostgreSQL.</li><li>Supported the Web application developed in React with GraphQL and PostgreSQL.</li></ul>

### Programming Languages

React	●●●●○
JavaScript	●●●●○
.NET / C#	●●●●○
HTML	●●●●○
CSS	●●●●○
Xamarin	●●●●○
.NET MAUI	●●●○
DBs (SQL/NoSQL)	●●●○
React Native (🍏 / 🍎)	●●●○
Swift	●●●○
Kotlin	●●○○○
Java	●●○○○

### Tools

Visual Studio	●●●●○
Visual Studio Code	●●●●○
Adobe Xd/Figma/Sketch	●●●●○
Xcode	●●●○
Adobe Illustrator/Photoshop	●●●○
Android Studio	●●●○
SASS	●●●○
Git/Github/GitLab	●●●○
Node.JS	●●○○○
Docker	●●○○○
IntelliJ	●●○○○
Cordova (🍏 / 🍎)	●●○○○

### Skills

REST APIs	●●●●○
Google APIs	●●●●○
Project Management	●●●●○
User Interface (UI)	●●●●○
Object-Oriented Prog.	●●●○
User Experience (UX)	●●●○
Data Visualization	●●●○
WCAG 2.x	●●●○
Augmented Reality (ARKit)	●●●○
Design Thinking	●●●○
IoT (Internet of Things)	●●●○

### Languages

English	●●●●○
Spanish	●●●○
Portuguese	●●●●●

- 2020-06  
2020-08

**Full-Stack Developer / Research Assistant**  
Algonquin College | Driven High Performance Lab - Startup - Ottawa | ON
  - Designed the framework and Information Architecture from Backend to Frontend, with data analytics and development tools.
  - Developed the MERN (Mongo/React/Express/Node) stack solution using NiFi data analytics, Matlab, MongoDB Atlas, React Frontend, Javascript API with libraries Ant Design data visualization, Plotly, Redux, Mailgun and Express, all in IBM Cloud with Docker.
- 2020-01  
2020-04

**Team Lead / iOS Developer**  
Algonquin College | Fitted - Startup - Ottawa | ON
  - Planned, managed, arranged and followed up all the main tasks ( $\pm 100$ ), with a team of 14 resources and stakeholders.
  - Built the Augmented Reality feature for the iOS App using Swift with ARKit 3.
  - Deployed the project on time and scope with 20 most important requirements.
- 2019-09  
2020-04

**Program Assistant**  
Algonquin College - Ottawa | ON
  - Supported around 40 to 60 students of the Programs Mobile App Design & Dev (MADD) and Internet App and Web Dev (IAWD), assisting them to accomplish 5+ assignments each and solving technical issues, bugs and environment-settings, for all the program languages as Javascript, React, React Native, Swift, Kotlin, Xamarin, Java, C++, C#, HTML, and CSS.
- 2019-05  
2019-09

**Software Developer / Research Assistant**  
Algonquin College | HTO - Ottawa | ON
  - Developed an IoT (Internet of Things) solution with C++, controlling devices like temperature sensors, BLE (Bluetooth 5), Ethernet and Wi-Fi integration with Web Server and JSON file in a real-time application.
  - Figured out a way and a combination of 4 components to bypass hardware/ software issues and deployed the solution working completely.
- 2018-11  
2019-08

**Software Developer / Project Assistant**  
Algonquin College | Makerspace - Ottawa | ON
  - Created small apps in Google Sheets using G Suite APIs to manage the 3D printing pool and physical access to the lab, providing better feedback to the users related to taking back the printings.
  - Established some Makerspace controls creating safe user guidelines, procedures and KPIs to manage staff and students' projects.
- 2018-06  
2016-01

**CEO / Founder**  
Cloud 3D - Sao Paulo | BR | 3D printing and design company.
- 2012-06  
2015-12

**Lead Web Developer**  
SulAmerica Insurance Co. - Sao Paulo | BR
  - Created one in-house web app, using G Suite APIs and third-party SDK, to coordinate 60+ corporate IT projects with dashboards, allowing the project managers and internal clients to contribute and follow up on their projects and forecasts.
  - Designed the appearance, layout and flow of the Web site following the company's guidance and style.
  - Developed the main components of the solution and implement coding standards to be followed by the team, with cross-browser compatibility in a graded browser support environment.
  - Worked with the Database and Architecture teams to explain the solution, find and solve issues.
  - Supported the presentation of the technical proposal for the board members.
- 2012-05  
2007-03

**IT Compliance Analyst / IT Compliance Manager**  
Santander Bank - Sao Paulo | BR | Financial institution.
- 2002-12  
2007-02

**Full-Stack Developer / Project Coordinator**  
SulAmerica Insurance Co. - Sao Paulo | BR
  - Coded one Health full-stack app in Visual Basic/MS-SQL using biometrics data to identify 1000+ clients a day.
  - Oversaw Medical Web App Services using Java (J2EE, Struts, EJB, JSP and WebSphere), CICS/Cobol, Oracle and DB2 development in a day-by-day operational support team.
  - Brought better results to the company and helped increase the annual revenue (intangible) due to better data controls, in a variety of environments, platforms, clients and a diverse support team with 10 resources (skills and experiences).