# Luis Souza

## Mobile, Web and Application Developer & Designer

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💼 appdevcanada.github.io

Highly-skilled software development professional bringing more than 15 years in software design, development and integration. Advanced knowledge of Mobile, Application and Web programming languages.

• Programming language enthusiast
• Ownership sense and time management
• Problem-solving, team building, leadership and work well with minimal supervision

## Education

**2018-09
2020-04** | **Mobile Application Design & Development**
**Algonquin College** – Ottawa | ON
*Magna Cum Laude with Honours* | Dean's List (2019/2020)
Cumulative GPA: **3.88/4.0**

**2004-01
2006-02** | **Business Management**
**Anhembi Morumbi University** – Sao Paulo | BR
Cumulative GPA: **8.8/10.0**

## Certification

**2020-03** | **Design Thinking Practitioner |** IBM

## Professional Experience

**2020-04
Present** | **Software Developer**
**Fitted - Startup** – Ottawa | ON

  • 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.
  • Supported the Web application developed in React with GraphQL and PostgreSQL.

**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 (±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.

## Programming Languages

| | |
|---|---|
| Swift | ●●●●○ |
| Kotlin | ●●●○○ |
| JavaScript | ●●●●○ |
| HTML | ●●●●○ |
| CSS | ●●●●○ |
| Java | ●●○○○ |
| C# | ●●●○○ |
| C++ | ●●○○○ |
| React | ●●●●○ |
| React Native ( / ) | ●●●○○ |
| Xamarin | ●●●○○ |
| DBs (Oracle/SQL/Mongo) | ●●●●○ |

## Tools

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

## Skills

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

## Languages

| | |
|---|---|
| English | ●●●●○ |
| Spanish | ●●●○○ |
| Portuguese | ●●●●● |

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**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.

**2012-06**
**2015-12**

**Corporate Project Manager / Web Developer**
SulAmerica Insurance Co. - Sao Paulo | BR

- Built 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 the projects and forecasts.
- Managed 8+ Corporate IT Projects for Healthcare, Marketing and Asset areas, delivering them on budget, time and scope.
- Trained 100+ local Project Managers with methodology following the Project Management Book of Knowledge (PMBoK).
- Tamed the hardness from 6 peers and 10+ local project managers, due to the way they were managing the projects, bringing more management, transparency, accuracy to the projects and better resources/issues displayed in dashboards.

**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).

**1998-04**
**2000-03**

**Software Developer / Team Leader**
Ernst & Young Consulting LLP - Curitiba | BR

- Coded Client/Server and Web apps solutions, using Visual Basic, Java, Activex, Oracle and DB2.
- Coordinated a cross-functional team of 8 resources in 3 locations applying the company's methodology and UML/RUP concepts.
- Led a team of 12 developers for 3 main projects and deployed greater integration and clear dashboard outcomes for the client after using the solutions provided and implementing a new methodology.

**1997-06**
**1998-03**

**Software Developer / Team Leader**
Stefanini Consulting LLP - Curitiba | BR

- Developed 1 Client/Server and 1 Web app solutions, using Visual Basic, Oracle and SQL Server.
- Oversaw a team of 4 developers and assisted them to apply design patterns and frameworks on client's projects.
- Requested by the most important client, E&Y, to join the team as a result of standout projects.