Luis Souza

Mobile, Web and Application Developer & Designer

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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

Language	Level
Swift	●●●●○
Kotlin	●●●○○
JavaScript	●●●●○
HTML	●●●●○
CSS	●●●●○
Java	●●○○○
C#	●●●○○
C++	●●○○○
React	●●●●○
React Native (🍎/🤖)	●●●○○
Xamarin	●●●○○
DBs (Oracle/SQL/Mongo)	●●●●○

Tools

Tool	Level
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

Skill	Level
Data Visualization	●●●○○
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

Language	Level
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.