Luis Souza

Mobile, Web and Application Developer & Designer

🏠 44 Glen Rd
Hamilton, ON, L8S 4N2

📞 (613) 618-4878

✉️ lhmscanada@gmail.com

💼 appdevcanada.github.io

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
2020-04
Mobile Application Design & Development
Algonquin College - Ottawa | ON
Magna Cum Laude with Honours | Dean's List (2019/2020)
GPA: **3.91/4.0**

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

Certification

2020-03 | Design Thinking Practitioner | IBM

Professional Experience

2021-04
Present
Full-Stack Developer
PHD Solutions - Burlington | ON
- Developed React/TypeScript web application with Redux, and an IoT solution with .NET back-end.
- Developed ASP.NET web application with Identity server, SQL server, Azure.
- Developed WPF (Windows Presentation Foundation) application using .NET Framework and Web APIs on AWS (Amazon Web Services) environment.
- Published Web APIs in AWS API Gateway and Windows application in AWS S3 for the application user's access and versioning control for updates.
- Monitored Web APIs access and use with AWS CloudWatch and other AWS tools.
- Supported the application databases in AWS DynamoDB and adapted/improved them whenever needed.

2021-01
2021-03
Web Developer - Style Expert
Coach Association of Canada - Ottawa | ON
- Converted a whole web application developed in ASP.NET to be responsive for mobile and web.
- Reviewed the whole CSS styles of the web application with +18K lines using SASS.
- Organized, normalized and grouped the styles generating +75 major groups.
- Reviewed and applied WCAG 2.0 AA to all possible conditions.

2020-04
2021-12
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.

Programming Languages

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

Luis Souza

Mobile, Web and Application Developer & Designer

🏠 44 Glen Rd
Hamilton, ON, L8S 4N2

📞 (613) 618-4878

✉️ lhmscanada@gmail.com

💼 appdevcanada.github.io

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.
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).