

Jonathan Oliveira

SOFTWARE ENGINEER · FULL-STACK

Vancouver, Canada

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“Truth can only be found in one place: the code.”

Summary

Passionate Software Engineer with **15+ years of experience**. Working professionally as a **full-stack** developer focused on object-oriented languages and **modern web technologies**. Fast learner, self-driven, self-managed, software craftsmanship believer, problem-solver with a can-do attitude, willing to deliver **high-quality software**. Currently, **Team Lead at Infor (Canada)**, spearheading the redesign and re-architecture of critical back-of-house and customer-facing systems, including web, desktop, and mobile applications.

Skills

Front-end Angular, Typescript, Javascript, HTML, SASS/CSS, Jasmine

Back-end Java, Spring, C#, Node.js, database design, SQL

DevOps Git, AWS, Docker, GitLab, Jenkins, Heroku

Dev Practices Clean Code, TDD, Clean Architecture, Continuous Integration, Continuous Delivery

Languages Fluent English, Native Portuguese, Basic Spanish

Education

State University of Maringá (UEM)

Maringá, Brazil

B.S. IN COMPUTER SCIENCE

2006 - 2014

- Main Courses: Algorithms, Software engineering, Algorithm analysis, Programming languages, Compilers, AI, Databases, Computer architecture.

Work Experience

[Infor \(Canada\) Ltd.](#)

Vancouver, Canada

SOFTWARE ENGINEER, TEAM LEAD

Apr. 2021 - present

- Promoted to Team Lead in 2023, spearheading the **redesign and re-architecture** of critical back-of-house and customer-facing systems.
- Overseeing the development efforts across different teams using Agile methodologies, while **directly managing and mentoring six developers**.
- Performing a crucial role in **transforming legacy infrastructure into fully scalable cloud-based**, serverless microservices by following modern application development standards.
- Displaying technical leadership role, **performing code reviews**, and making sure **good development practices** are being followed by the team, such as unit testing, TDD, refactoring, and collective ownership.
- Leading the development of four different desktop, web, and mobile applications simultaneously.
- **Actively participating** in backend-related discussions, helping the team by making relevant suggestions.
- Defining the new architectures and frameworks to be used by all front-end teams across the company.
- **Tech stack: Angular, Typescript, RxJS, AWS, GitLab, Oracle.**

[Vivonet Acquisition LTD \(now Infor Canada\)](#)

Vancouver, Canada

SOFTWARE ENGINEER, PRINCIPAL

Oct. 2016 - Apr. 2021

- Worked on a [self-serve Kiosk](#) software from early development stages to GA release, currently **running on tens of thousands of terminals** across the US and Canada.
- Displayed technical leadership role, **performing code reviews** and introducing good development practices to the team such as **unit testing, TDD, refactoring, and collective ownership**.
- Implemented a [contactless food-ordering mobile app](#) as a COVID-19 solution in a 60-day challenge, from POC to GA release.
- Evolved the **CI/CD processes** of different products bringing **deployment times down from hours to a few minutes** allowing the team to focus more on product improvements and less on repetitive tasks.
- Dealt with several development challenges, from low-level hardware integration to high-level payment integrations.
- Redesigned a large legacy code base into a concise and object-oriented one, **improving maintainability, reducing complexity** and duplication.
- Worked closely with UX managers and Product Owners actively suggesting and implementing **user interface and experience improvements**.
- Kept a high productivity rate even while learning new tools and technologies.
- **Tech stack: C#, UWP, Angular, Typescript, AWS, GitLab.**

Objective Solutions LTDA

Maringá, Brazil

SOFTWARE ENGINEER, SENIOR

Aug. 2014 - Aug. 2016

- Participated in the development and maintenance of a **large CRM & billing** system with Java and internal frameworks.
- Worked with several satellite systems with different technologies such as **AngularJS, JSF, and HTML/CSS**.
- Took the initiative to change technologies of a JSF project to AngularJS, meeting clients' tight deadlines and budget requirements.
- Introduced and **taught AngularJS and Spring Framework** to the team members.
- Member of a development team with **strong agile practices** such as SCRUM, pair programming, code review, CI, XP, and Kanban.
- **Tech stack: Java, Spring, Maven, JSF, AngularJS, Git, Bitbucket, AWS.**

DB1 Global Software LTDA

Maringá, Brazil

JAVA DEVELOPER, SENIOR

Jun. 2013 - Aug. 2014

- Participated in outsourcing projects, with Java, **designing architecture**, programming, delegating tasks, and managing follow-ups with other team-mates.
- Automated several internal HR processes by creating surveys, analyzing processes, and developing software solutions to help HR operate more efficiently.
- Worked as the **SCRUM Master** of the development team and performed tasks of lesser complexity inherent in project management
- Participated in an innovation project conducted internally with 'My Loyalty Card' personal project.
- **Tech stack: Java, JBoss, Maven, AngularJS, Git, Bitbucket.**

Produtec Informatica LTDA

Maringá, Brazil

JAVA DEVELOPER

Dec. 2009 - Jun. 2013

- Development, analysis, tests, and preparation of reports in enterprise systems (ERP, desktop, and web).
- Worked on maintenance and development of PCP, finance, sales, and purchasing modules. Knowledge of garment manufacturing business rules.
- Adopted XP best practices as **TDD and pair programming** in an Agile environment.
- **Tech stack: Java, Spring, Maven, JSF, Primefaces, Flex, Git, Bitbucket, AWS.**

Arroba Systems LTDA

Maringá, Brazil

DELPHI DEVELOPER

Aug. 2008 - Dec. 2009

- Development, analysis, and testing of systems, requirements gathering, database updates, service, and user support.
- Had contact with **object-orientation, MVC, SCRUM, and TDD**.
- Worked on maintenance of finances, accounting, stock, and production modules, as well as customized solutions.
- Learned business rules of metalworking industries, metal graphics, furniture, graphics, and educational institutions.
- **Tech Stack: Delphi, MS SQL Server.**

Accion LTDA

Maringá, Brazil

DELPHI DEVELOPER, JUNIOR

Sep. 2007 - Aug. 2008

- Started as a trainee, hired in less than 3 months due to high productivity and learning capacity.
- Worked on ERP systems, developing systems, programs, and software-based reports.
- Created and executed test cases.
- **Tech Stack: Delphi, Oracle.**

Other Projects

Investor\$Tec

Maringá, Brazil (remote)

REAL ESTATE MANAGEMENT & CRM SOFTWARE FOR AN

Mar. 2015 - present

[INTERNATIONAL REAL ESTATE ADVISORY COMPANY WITH OFFICES IN BRAZIL AND THE UNITED STATES.](#)

- Displayed a really **full-stack role**, doing from requirements gathering and project management to coding, deployment, and server administration.
- Achieved fully **continuous integration and continuous deployment** environment with Bitbucket and Heroku with virtually 100% app uptime.
- Managed several project challenges, such as **cloud-based databases** and large files and real estate image uploads to the cloud.
- Automated several marketing processes such as brochure generation and image manipulations for website showcases, saving staff time.
- Developed a **RESTful API** to integrate data to different websites in Brazil and the United States.
- **Tech Stack: Java, Spring Boot, AngularJS, CSS, HTML, PostgreSQL, Heroku.**

My Loyalty Card

Brazil

A DESKTOP APP FOR MANAGING LOYALTY CARDS AND CUSTOMERS' POINTS FOR RESTAURANTS AND RETAILERS IN GENERAL.

Jan. 2013 - present

- Initially implemented in **Delphi** as a custom solution for one restaurant.
- The application was then extended and improved to meet the needs of retailers in general.
- The second version was implemented using **web technologies and a real-time database**, delivered as both web and desktop apps.
- The project is up at [this website](#).
- **Tech Stack: AngularJS, CSS, HTML, Electron, Firebase.**

NetAnimations App (Undergraduate Thesis)

LEARNING OBJECT REPOSITORY OF COMPUTER NETWORKING COURSE OF COMPUTER SCIENCE AT THE STATE UNIVERSITY OF MARINGÁ.

- Implemented and published the first version of the **Android app**.
- The project was extended by other students and is still available at the [Google Play Store](#)
- **Tech Stack:** AngularJS, CSS, HTML, Ionic Framework, [GreenSock](#).

Maringá, Brazil

Jan. 2014 - Dec. 2014

Find My Bus - Vancouver (discontinued)

APPLE WATCH APP FOR REAL-TIME INFO OF BUSES IN METRO VANCOUVER.

- Started as a side project for personal use.
- Integrated to the [TransLink Open API](#).
- First exposure to **Xcode, Swift**, and the Apple development ecosystem.
- This project was released for a year and then discontinued due to The Apple Developer Program annual fee. 😊
- **Tech Stack:** Swift, SwiftUI, watchOS.

Vancouver, Canada

Jun. 2021 - Jun. 2022

My Games App (discontinued)

MOBILE APP TO REGISTER, KEEP TRACK AND SHARE MY PLATFORMS AND GAMES.

- Also started as a side project for personal use.
- First exposure to the newly released Angular framework.
- This project was discontinued to focus on Investor\$Tec.
- **Tech Stack:** Ionic Framework, Angular 2.0, Typescript, CSS, HTML.

Maringá, Brazil

Sep. 2016 - Jan. 2017