

Jhonatan Morais

Senior Web Developer

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WORK EXPERIENCE

Full Stack Engineer, Liferaft Inc - Jan/2021 - present - Canada

Liferaft is a Canadian company, their core business is related to Security & Investigations solution to protect People & Assets.

- **Developing and maintain legacy applications:** bug fixing and developing new features is one of the mine's activities. I have been proposing and implementing optimization changes such as algorithm refactoring and adding several unit tests to avoid future similar errors.
- **Tech Training and Documentation:** I have been adding new pages and videos training to the company wiki. Those are helping to unify the knowledge among the developers and increasing the newcomer's onboarding experience.
- **Docker Container and Pipelines configuration:** I have been creating Docker Images and configuring pipelines to provide automation to verify code quality, code formatting, unit/integration tests. That has helped the company to increase the code quality standards and avoid mismatch configuration among the server environments.
- **Architecture and Business Negotiation:** Due to my knowledge about new tech stuff, I've been creating some Proof of Concepts to show how the new. During those POC's I always try to provide the pros and cons of benefits evaluation that can help the company during the decision events.
- **Technologies used:** React.js, TypeScript, Jest, Javascript, Html, Css, Docker, Php, Laravel, PHPUnit, Rest Api, Webservices, Redis, Mysql, SQL, Linux, Unit testing, TDD, Jira, git, AWS.

Full Stack Developer, EPL - Empresa de Planejamento e Logística - Aug/2019 - Jan/2021 - Brazil

EPL is the principal government company responsible to plan strategies to improve the Brazilian infrastructure, logistics, and transports.

- **Development from scratch:** an application that automatically maps information from side systems company using VueJS and Qlik sense. The new tools offered a way to access all relevant business information in a single place, which helps the managers to gathered information faster.
- **Development from scratch:** an application that converts all company calculators and simulators previously developed in spreadsheets. Now with the new tools, the company has an interactive and modern calculation tool, online and scalable to support all users at once.
- **Development from scratch:** a small ALM application to gathering all data about future and actual company projects. In the new system, all info could be organized and mapped to be used by the managers to execute one-to-one follow-up and mark the work progress.

- **Development from scratch:** an application to automatize the requests, planning, and hierarchical authorization of company flight tickets. The process from request to approval now takes only 30 minutes, before it was in manual mode and used to take 4 days.
- **Developed Analytics Dashboards:** I had converted some than 20 complex spreadsheets into Qlik Dashboards. Before that, all spreadsheets were manually fed, and now they are all integrated with databases and show the data in real-time. That was a time-saver and reduced the typos errors.
- **Technologies used:** PHP, Laravel, Redis, Javascript, Postgres SQL, Docker, Vue.js, React.js, Html, Css, MS Excel, Qlik Sense, Data Analytics, Webservices, Rest API, Jest e Unit Testing, Git.

Tech Lead and Senior Developer, Ministry Of Agriculture - Feb/2015 - Aug/2019 - Brazil

Ministry Of Agriculture is a Brazilian government entity responsible for all strategies and actions related to Agriculture and livestock.

- **Tech Lead:** Between 2015 and 2019 I was the tech lead responsible for: keep running ~17 company systems, took architectural software decisions, plan and supervise the execution of software changes, negotiate business requirements with clients and dealing with outsourcing contracts.
- **Agile Migration Culture:** Between 2016 and 2018 I lead the implantation of the new agile-based software development process. That had helped the company to increase the delivery capacity, product quality, and a more graned follow-up control, saving time money and reducing stress.
- **Documentation Records and Training:** I wrote more than 100 documentation pages about System architecture, Code standards, DevOps practices, and software development and I ministered several training sections to employees that were involved in company software production to offer guidance to future execution and continuous improvement of the new agile process.
- **Development and Architecture:** As a Senior developer, I was a member of the architectural team and participate in the decisions about the new technologies, tools, and DevOps processes. I usually got involved in development activities to support or fill the gaps in the dev team.
- **Technologies used:** PHP, Zend Framework, Laravel, Unit Testing, Javascript, Vue.js, React.js, HTML, JQuery, CSS, Qlik Sense, SQL. Redmine and Jira tools;

PREVIOUS EXPERIENCES

- **Senior System Analyst, Cast IT group - Sep/2014 - Feb/2015 - Brazil**
- **System Analyst, Spread IT - Sep/2012 - Sep/2014 - Brazil**
- **System Analyst, Poliedro IT - May/2010 - Sep/2012 - Brazil**

EDUCATION AND CERTIFICATES

2013 **MBA. in Software Development with open technologies**, UCB - Catholic University

2013 **B.Sc. in Systems analysis and development**, Federal Technology Institute

LANGUAGES

English - Advanced (C1)

French - Beginner (A1)