

LYSANDRO CARIOCA BRAGA

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Software engineer with eight years of experience developing and scaling applications. Outstanding problem solver with an aptitude for troubleshooting and the ability to quickly master new skill technology.

PROGRAMMING SKILLS

- **Languages:** Javascript, Typescript, Golang, Java, C# and SQL
- **Technologies:** React, Jest, Cypress, NodeJS, AWS, Kubernetes, RabbitMQ, CouchDB and ScyllaDB

EXPERIENCE

- **SysMap Solutions Software**

Senior Software Engineer

Feb. 2021 - Present

- **Global Relationship Platform:** Creating a new product for Natura&Co to keep track of the beauty consultant relationship time in several countries. Implementing an event-driven design architecture to calculate asynchronous relationship time using AWS Lambda, AWS SQS, NodeJS, and ScyllaDB. Adding new features in a NodeJS and ReactJS application. Monitoring applications through Grafana, Kibana, and Kubernetes.

- **Instituto Atlântico**

Senior Software Engineer

Apr. 2020 - Feb. 2021

- **3D Printer Dashboard:** Developed a system as a service for HP that shows all information about 3D printer usage. Implemented a thin REST layer written in Golang that reads information from the AWS Redshift; Created dashboards from Figma using React, React Hooks, Typescript; Contributed to the internal DevOps organization creating yaml template steps used across multiple teams.

- **OSF Digital**

Senior Software Engineer

May 2019 - Apr. 2020

- **Private Pension:** A solution that offers a private pension fund to customers. Developed a web application from scratch using ReactJS, React Hooks, Context API, RTL, and Styled Components from Sketch UI; Code was covered by 85% of unit testing; Led a team of three developers to build an end to end testing project using the cypress framework.
- **Open Banking API:** Open Banking is a project that reduces the bank transaction price for customers. Implemented an application using ReactJS that reads API Specification and shows samples on how to use this in different languages; Implemented new rules using Java and RabbitMQ inside the event-driven flow that processes data asynchronously.

- **Drugstore Pague Menos**

Team Leader, Senior Software Engineer

Fortaleza, CE

Aug. 2013 - Apr. 2019

- **Last Chance:** A system that applies discounts for products near expiration date used by more than a thousand stores. I developed this application using ReactJS and .NET Core within five months and it increased the sales by around a million dollars monthly.
- **Warehouse Order Picking System:** A distributed system and data over CouchDB used to check and validate the picking process using the pick box method. Implemented a sample method algorithm to pick random boxes and reduce issues using Javascript; Optimized routines to clean up the local database on hundreds of workstations using NodeJS; Optimized the picking process from 2 hours to 5 minutes grouping them by transport routes.

EDUCATION

- **Postgraduate Diploma in Software Engineering**

Universidade Estadual do Ceara

Fortaleza, CE

May. 2017 - Feb. 2019

- **Associate of Science in Computer Science**

Faculdade Tecnológica Lourenço Filho

Fortaleza, CE

Feb. 2012 - Dec. 2014