

LYSANDRO CARIOCA BRAGA

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Software engineer with ten 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 and SQL
- **Technologies:** React, Jest, NodeJS, GraphQL, AWS, Kubernetes, RabbitMQ, CouchDB and MongoDB

EXPERIENCE

- **Stay22**

Senior Software Engineer

Nov. 2021 - Present

- **Map and Hub :** Developing the next map generation at Stay22. The backend stack has Typescript, Nodejs, MongoDB and Go. In the Frontend we use Typescript, React, Vue, MapLibre and Styled Components. I also maintain internal common libraries shared between our internal products.

- **SysMap Solutions Software**

Senior Software Engineer

Feb. 2021 - Oct. 2021

- **Global Relationship Platform:** A new product for Natura&Co to keep tracking of the beauty consultant relationship time in several countries. Implemented an event-driven design architecture to scale asynchronous relationship timing using AWS Lambda, SQS, NodeJS, and Scylla DB. Added new features ReactJS/Nodejs application. I've used Jenkins, Docker, Kubernetes, Grafana and Kibana as a part of the devops process to scale and monitor the application.

- **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.

- **Drugstore Pague Menos**

Tech Lead, 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