

# 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

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- **Languages:** Javascript, Typescript, Golang, and SQL
- **Technologies:** React, Jest, NodeJS, GraphQL, AWS, Kubernetes, RabbitMQ, CouchDB and MongoDB

## EXPERIENCE

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### • 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 - Nov. 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 Developer

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.

### • Empreendimentos Pague Menos

Senior Software Developer, Tech Lead

Fortaleza, CE

Feb. 2014 - Apr. 2019

- **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

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### • Universidade Estadual do Ceara

Postgraduate Diploma in Software Engineering

Fortaleza, CE

May. 2017 - Feb. 2019

### • Technologies in Systems Analysis and Development

Faculdade de Tecnologia Lourenço Filho

Fortaleza, CE

Jan. 2012 - Oct. 2014

### • Professional Technical High School Education

Escola Estadual de Educação Profissional Santa Rita

Maranguape, CE

Mar. 2009 - Dec. 2011