

LYSANDRO CARIOCA

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Software engineer with 8 years of experience designing, 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#, SQL
- **Technologies:** React, React Testing Library, Storybook, Jest, Cypress, NodeJS, CouchDB, Kubernetes, RabbitMQ, Azure DevOps

EXPERIENCE

- **Instituto Atlântico** Fortaleza, CE
Senior Software Engineer Apr. 2020 - Present
 - **3D Printer Dashboard:** Developing a system as a service for HP that shows all information about 3D printer usage. Implementing a thin REST layer written in Golang that reads information from the data lake; Creating new dashboards from Figma using React, React Hooks, Typescript; Contributing to the internal DevOps organization creating new CI/CD templates used across teams.
- **OSF Digital** Fortaleza, CE
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** Fortaleza, CE
Senior Software Engineer Aug. 2013 - Apr. 2019
 - **Leadership:** Led a team of ten during three years to develop supply chain solutions for five warehouses and more than a thousand stores.
 - **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.

Software Developer Intern Feb. 2013 - Aug. 2013

 - **Maintainer:** Included SQL queries in the purchases and sales reports; Implemented a new application using ASP.NET to record client information by pharmacists.

EDUCATION

- **Universidade Estadual do Ceara** Fortaleza, CE
Postgraduate Diploma in Software Engineering May. 2017 - Feb. 2019
- **Faculdade Tecnológica Lourenço Filho** Fortaleza, CE
Associate of Science in Computer Science Feb. 2012 - Dec. 2014
- **EEEP Santa Rita** Maranguape, CE
Computer Technician Feb. 2009 - Dec. 2011