

Luciane Martins

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SUMMARY

I am an experienced Frontend Developer with a strong focus on React and Typescript. Throughout my career, I have primarily worked in the oil and gas industry, where I developed applications aimed at optimizing asset management, predictive maintenance, accidents prevention and KPI monitoring for international projects. In addition to my extensive background in the oil and gas sector, I have also diversified my experience by working in the e-commerce, financial, pharmaceutical and cultural industries, where I have successfully developed applications tailored to their unique needs.

EXPERIENCE

Raia Drogasil (ADS)

Software Engineer / Frontend

Nov-2023 – Today

Development of an innovative sales platform targeted at advertisers in the pharmaceutical industry.

- Effective implementation of automation, replacing the use of Excel spreadsheets with a digital advanced web solution.
- Implementation of significant improvements in process visibility, providing greater transparency and operational efficiency.
- Successful implementation of Key Performance Indicator (KPI) tracking tools.
- Enhanced data analyses, contributing to more informed and strategic decision-making.

Skills: Next.js, React.js, TypeScript, Javascript, Tailwind, Clean Code, GitLab. Jest, Cypress, Scrum, Agile.

Shape Digital

Software Engineer / Frontend

Nov-2020 – Oct-2023

Development of applications in the oil and gas industry, primarily focused on FPSOs (Floating Production Storage and Offloading vessels) in improving asset management, predictive maintenance, accident prevention, and KPI monitoring for international projects.

Product 1: Predictive Maintenance System for FPSOs

- Development of the frontend of an innovative web system, utilizing sensors and advanced data analysis for machinery monitoring in FPSOs. The aim was to predict failures before they occur.
- Key involvement from the project's conception to delivery, contributing to the optimization of maintenance processes, cost reduction, and minimization of unplanned downtimes.
- Expansion of the solution to new markets, aiding in customer acquisition.

Product 2: Asset Monitoring System for FPSOs

- Crucial role in the development of the frontend, employing a Microfrontends approach to facilitate future integrations.
- Participation in all project phases, from initiation to delivery.

Product 3: Accident Prevention System with Bow-tie Technique

- Implementation of the bow-tie technique for accident prevention in FPSOs, automating a manual process into a data-based solution.
- Contribution to the continuous improvement of the system, aiming for greater safety and operational efficiency.

Product 4: Combined Predictive Maintenance and Assets Monitoring System

- Participation from the conception to the launch of a system that integrates predictive maintenance and equipment monitoring.

- Application of knowledge acquired in the FPSO industry to other sectors, with a multitenant approach.

Product 5: FPSO Construction Monitoring System

- Collaboration in the pre-launch phase of the product focused on efficient monitoring of construction stages, costs, deadlines, and other critical aspects.

Product 6: KPI Monitoring System

- Development of the frontend of an integrated system for KPI management.
- Intense collaboration with stakeholders, designers, backend and database teams, resulting in a scalable solution based on Microfrontends.

Product 7: UI Library

- Creation of a UI library with Storybook and its publication as an NPM package, in line with the Design System developed by the UI/UX team, ensuring the consistency of user interface components.

Product 8: Frontend Boilerplate

- Creation of a boilerplate based on React.js to standardize the company's new Frontend projects, ensuring uniformity across products.

Skills: React.js, TypeScript, Axios, i18next, Echarts, Charts.js, React Vis, D3.js, Husky, ESLint, Prettier, Msw, Material UI, Bulma, Styled Components, Tailwind, Azure DevOps, Microfrontends, Lerna, Module Federation, Git, Redux, Cookiecutter (Python), Azure AD B2C, Jest, Testing Library, Cypress, SonarQube, Sentry, Google Analytics, CI/CD, YAML, Storybook, NPM publishing, Scrum, Agile.

FDTE

Software Engineer / Frontend

Aug-2019 – Oct-2020

Developed applications for the e-commerce, financial, and cultural industries, tailoring solutions to their unique needs and requirements.

- Proficient in the development of mobile applications using React Native and web applications with React, leveraging technologies such as Redux, Axios, Git, BitBucket, Sass, HTML, CSS, and JavaScript, with extensive experience in API integration.

Architect

Architect

2007-2019

- Managed several construction and design projects.

EDUCATION

Bachelor of Technology – BTech by Faculdade de Tecnologia de São Paulo - FATEC-SP

Frontend Bootcamp by Reprograma sponsored by Meta (Facebook)

Master of Business Administration – MBA (Engineering) by Universidade de São Paulo – USP

Bachelor of Architecture -BArch by Universidade São Judas Tadeu – USJT