

Leonardo Almeida Marques

Software engineer at Rabobank

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Introduction

I am a senior software engineer with 12 years of experience in front-end development and User Experience. I am an enthusiast of Backend and SRE, who aims to improve in those areas while researching and implementing elegant solutions to resolve client's problems, in a team with a DevOps attitude, regardless of the technology

Education

UNINASSAU University - Internet Systems degree - 2007-2010

Pompeu Fabra University (Barcelona) - AIESEC Interchange program - 2015

Idioms: English (Fluent), Portuguese (native), Spanish (Proficient), Dutch (A1)

Experience

Coöperatieve Rabobank U.A.

Period: November 2021 - Now

Role: Senior Front-end Developer

Place: WFH / Utrecht, The Netherlands

Typescript, NextJS, TurboRepo, Nodejs, React, Azure DevOps, Tailwind, CSS Modules, Webpack Module Federation, Stencil, Storybook, Socket.IO, REST, Docker, CloudFoundry, Splunk/SignalFx

ROP Portal is a platform/service written in React/Nextjs, and Kotlin-based microservices/APIs, where developers can access ROP products and services. As a front-end developer, I worked actively on implementing new features, improving UX, automating processes/tasks, creating POCs, and expanding the product's concept (from a service where you only share documentation to a platform that provides a compliant environment for contributors to run their apps).

Other relevant achievements in Narnia:

- Improved contributor experience by creating a local preview tool for contributors (Docdraft)
- Guided developers through the ROP Portal's refactoring epic (from a single repo consuming a graphql API to monorepo consuming REST API) and aligned deliverables and expectations with the triangle
 - This translation made it possible for other teams to work together in our monorepo, and widen the impact ROP Portal has
 - Using the monorepo feature of parallelizing jobs (testing, linting, building) made it possible for the pipelines to run 39% faster
- Mentored junior developers through Design Systems/Patterns, Front-end development, DevOps mentality, and S@S
- Helped teams from other areas implement their tools/solutions in the portal (Senses Mission Control, Chatbot, RDS's Storybook, Cerebro)
- Improved accessibility by proactively addressing and fixing accessibility issues, and implementing Dark mode in the Portal

Rabo Partnerships

Period: July/2022 - August 2023

Role: Front-end Consultant

Place: Cali, Colombia

Typescript, Angular 16, React, SCSS, Webpack, Storybook, GitLab CI/CD, NestJs

Rabo Partnerships helps small businesses to develop, by leveraging Rabobank's knowledge in finance and tech. I helped a multidisciplinary team of 7 developers solve their day-to-day problems regarding general programming topics, architectural decisions, and:

- Unit and E2E Testing (how and what to test), reducing significantly regression in their products
- NPM fundamentals - authoring packages, caching, private packages, etc
- Javascript fundamentals
- Fundamentals of coding (SOLID, Design Patterns)
- Pull request policies, DevOps mentality, and basic of Agile software development

Finqle B.V.

Period: February 2019 - October 2021

Role: Lead Front-end Developer

Place: Amsterdam, The Netherlands

Typescript, React, Redux, Styled-components, Storybook, NPM, Lerna, GitLab CI/CD, Docker, Cloudflare, SASS, Webpack

Collaborated for the company's development from scratch. As Lead developer of a team with 4 Front-end developers, I accomplished the following:

- Together with a Design agency, I developed a React Component Library, used to deliver further products, with SCSS, Webpack, Styled Components, React, Jest, Cypress, Typescript, and NPM (Verdaccio), backed up by atomic design principles, and BEM
- Interviewed developers who would compose the team that later collaborated on the implementation of the apps (which are mentioned below)
- Created ~10 mini apps utilizing the component library above, to be used in client-facing applications
- Created 4 React client-facing apps and 1 back office app. Description follows:
 - **Identification wrapper** mini-app used as a wrapper for the Onfido identification system
 - **The onboarding app** is a multi-step app, where the steps, language, and themes are configured per instance, utilizing a back-office app
 - **Expenses app** a multi-device SPA (mobile and desktop) and multi-language app, with PWA feature
 - **Lightweight reports** a desktop SPA for ZZPers to quickly read and sign contracts
 - **Backoffice app** a desktop SPA to manage all mentioned apps

All apps above were developed using React, Redux, GitLab CI/CD, Storybook, Styled components, and deployed through the docker container, with a reverse proxy in Cloudflare. The Identification wrapper and Expenses app had to be CSP-compliant, since they were finance-based apps

- Acted as stakeholder/supervisor of the company's website development by a 3rd party company

Tele2 - Netherlands

Period: August/December 2018

Role: Front-end Consultant - Frontmen

Place: Amsterdam, The Netherlands

Typescript, React, Flux, Redux, Sagas, Ramda, HTML5, CSS3, SASS, Webpack, Salesforce, Wordpress, git, git-flow

Improve conversion rates by 28% by collaborating with the code and release of their new shopping cart product.

Maxmilhas

Period: June 2017 - July 2018

Role: Senior Front-end Developer

Place: Belo Horizonte, Brazil

Jira(kanban), Trello, Pipefy, Angularjs, JavaScript ES6, React, Flux, Redux, Ramda, WebSockets, Serverless, HTML5, CSS3, SASS, Webpack, Bitbucket pipelines, Amazon S3, Code-deploy, Symfony, git, git-flow, WebComponents

- Led the refactoring of the flagship product, from AngularJS to React, Redux, Jest, Socket.io, Vanilla JS, SCSS, and Storybook
- Provided insightful input for Front-end architectural solutions for other squads and created shared javascript libraries used across other teams (marketing, back office, mobile, client-facing)
- Encouraged spreading an agile culture in the team, leading my team in the organization to adopt scrum, pull request policies, Continuous Integration, a/b testing, etc
- Mentored Front-end developers in the organization and hosted Code-dojo events
- Implemented the orchestration for applying styles to a white-label product using React, Docker, AWS EC2, and Bitbucket pipelines
- Interviewed and directly participated in the hiring and onboarding of 12 new Front-end developers to the company

Pluri Educacional

Period: August 2016 – June 2017

Role: Lead Front-end Developer

Place: Recife, Brazil

Jira(kanban), Angularjs, JavaScript, HTML5, CSS3, SASS, Grunt, Bitbucket pipelines, Symfony, git, git-flow

Pluri Educacional is a company that uses technology to improve education in Brazil. They have several products, Among them, There is Corrige Ai, a system that promotes the connection between students who want to have their simulated exams corrected and teachers who are paid per simulation correction. At Pluri Educacional, I Lead a team of three full-time Front-end engineers to develop Corrige Ai and other educational products using Angular, Grunt, and Sass.

- Gathered requirements from stakeholders and transformed them into technical tasks
- Performed end-to-end testing using the protractor testing tool
- Assigned tasks to developers according to their role/expertise level
- Mentored them to master their Front-end skills and encouraged the team to be self-managed

Bemind Tecnologia

Period: November 2015 – June 2016

Role: Front-end developer

Place: Recife, Brazil

Jira(kanban), Angularjs, JavaScript, HTML5, CSS3, SASS, Grunt, XMPP, Ruby on Rails, git

Bemind is a company that provides engineering support for startups. As a Front-end, I could work on projects for their

clients using a wide range of technologies.

The most important project was a mobile app called *Vorbee*, a messenger app that helps users learn English. I was responsible for implementing and providing the chat protocol (using XMPP) and Front-end development.

Altran España

Period: April 2015 - November 2015

Role: Front-End Engineer

Place: Barcelona, Spain

Scrum, Kanban, JavaScript, AngularJS, CoffeeScript, HTML5, CSS3, SASS, jQuery, C#, Jenkins, git

- Developed POC projects for new products
- Performed AB testing and measured conversion rates from results
- Implemented new features

Suati Technologies

Period: May 2014 - October 2014

Role: Front-End Engineer

Place: Recife, Brazil

Jira, Kanban, Scrum, JavaScript, Vanilla JS, TypeScript, HTML5, CSS3, SASS, jQuery, C#, TFS

Suati is a Brazilian leader in the Energy Market. The company has products that help companies to sell, distribute, and produce energy. As a developer, I could help the company develop its website and implement features for a real-time web application responsible for its auctions.

- Helped improve the team's agility by using: Grunt/karma for unit testing, Sass for processing and file compression, OOCSS patterns
- Implemented real-time features substituting EventSource by socket.io
- Presented some possible Javascript design patterns to solve common problems and developed guidelines to document the code properly
- Assisted management by attributing Front-end tasks to the back-end programmers and performed code reviews on the referred tasks

Caju Digital Agency

Period: July 2013 - April 2014

Role: Front-End Engineer

Place: Recife, Brazil

Trello, Grunt, Gulp Vanilla JS, Ionic, AngularJS, Backbone, HTML5, CSS, SASS, jQuery, Git

Caju is a digital agency that helps local and national clients of Brazil to improve and ensure digital presence. At Caju, I've developed several campaigns, landing pages, and promotional apps for several clients.

- Developed a CSS UI kit to ship common Front-end scenarios easily and fast
- Developed grunt tasks to help Front-end developers with the building process
- Implemented GIT on the company's workflow
- Developed apps using ionic

- Developed websites using WordPress

Fingertips - Pontomobi

Period: Set 2012 - Mai 2013

Role: Front-End Engineer

Place: Recife, Brazil

Trello, Grunt, Vanilla JS, AngularJS, Ionic, Java(Android), PHP, Ruby on Rails, HTML5, CSS3, SASS, jQuery, Git

Pontomobi is a digital agency focused on mobile development/advertisement. The company worked with great clients such as Coca-Cola, HP, Globo, and others.

- Developed applications using Android and Ionic
- Developed the Front-end of mobile websites on a Ruby on Rails environment
- Developed and supported the growth of the company's front-end cms

CESAR - Centro de Estudos e Sistemas Avançados do Recife

Period: November 2010 - December 2011

Role: Software Engineer

Place: Recife, Brazil

Mantis, Vanilla JS, Wordpress, PHP, Mysql, Ember, Ionic, Java(Android), C++, C#, J2ME, HTML5, CSS, jQuery, TortoiseSVN, TFS, Git

CESAR (Acronym for Recife Center of Advanced Studies and Systems) is a non-profit company that acts in several areas of TIC, including development, communication, education. Regarding development, the company works for big players in the market and has partnerships with companies like HP, Samsung, Motorola, Whirlpool, Philips, Unilever, and so on. At Cesar, I could develop my software engineering skills, which collaborated significantly with my career as a front-end

- Support applications using Android
- Developed HTML canvas-based applications
- Developed BADA (C++ Samsung based operational system) mobile applications
- Developed Samsung widgets (HTML, CSS, and Javascript) for Samsung mobile phones.
- Developed WordPress websites
- Developed the front-end of some applications using Visual Studio/C# environment

Playlore Gameworks

Period: October 2009 - November 2010

Role: Interface programmer

Place: Recife, Brazil

Unreal Engine, ActionScript 2.0, OpenSocial, HTML, CSS, PHP, Mysql, jQuery, jQuery UI, TortoiseSVN

Playlore was an outsourcing company that developed several assets for video game titles, They used their knowledge in game development to craft an online soccer game for social networks (Orkut).

- Developed the game's UI using ActionScript and Unreal Engine

- Developed the game's bootstrap using Javascript/HTML/CSS
- Configured the Orkut app using Javascript on the OpenSocial platform
- Developed ranking application using PHP and Mysql

Icorp Technologies

Period: August 2008 - October 2009

Role: Webmaster intern

Place: Recife, Brazil

Vanilla JS, HTML, CSS, JQuery, PHP, Mysql, WordPress, Asp

- Email marketing configuration
- Developed WordPress websites
- Developed landing pages

Cartello Technologies

Period: December 2007 - May 2008

Role: Webmaster intern

Place: Recife, Brazil

Kanban, Vanilla JS, PHP, HTML, CSS

Cartello is a Web agency based on Recife, focused on government accounts and non-profit organizations

- Email marketing configuration
- Developed WordPress websites
- Developed landing pages