



FELIPE MUNHOZ AFONSO

SENIOR FRONT END DEVELOPER ☎ +55 19 996 591 558

◦ DETAILS ◦

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◦ LINKS ◦

[GitHub](#)

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◦ SKILLS ◦

React

TypeScript

Redux

Leaflet

Next.js

◦ LANGUAGES ◦

Portuguese

English

👤 PROFILE

I am a Senior Front end Developer with Leading experience and expertise in web and mobile map creation. I am also a novelty enthusiast, I am always looking for new libs that can help my projects.

📁 EMPLOYMENT HISTORY

Lead Front end Developer at Santos Lab, Rio de Janeiro

June 2020 — Present

At the moment I am in a Leadership position, in which I am responsible not only for tech choices and front end team management and support, but also for feature planning, understanding the problem and translating it to the whole web team. I am still with my developer obligations, but on a slightly reduced scale. As it is a small company, in this role I am also responsible for recruiting and interviewing candidates for the team.

At this point our project expanded to: a web platform in React.js with high complexity web mapping, lots of forms, charts and dashboards; A monitoring app made with React Native for farmers which let's you control pests and plagues and based on the input, it creates an interpolated map of its results; And a web platform for internal service orders made with React.js; Lastly we are at a Next.js migration, in which I am the main developer onboard.

Front end Developer at Santos Lab, Rio de Janeiro

March 2019 — June 2020

I've started this job with a legacy jQuery platform maintenance for a parent company. And at the same time I was delegated the job of creating the company's MVP. It was a React.js platform that the agronomists of the company would use to upload their map products (.KMZ, .SHP, .TIF, .KML, .PNG), and the farmers would login to check in on those products. The map had to handle multiple objects, a split view to compare different objects at the same place and different measuring tools. After this first MVP our team started expanded and I began taking on leadership roles, while also maintaining my developer obligations.

Mobile Developer at Independent, São Carlos, São Paulo - Brazil

February 2018 — June 2020

Along with 2 other colleagues from my Master's Course, I participated in a startup contest for Itaú (one of Brazil's largest banks). We developed a micro-investing app which would integrate to its bank account (through Itaú's APIs) and round up every purchase from the credit card. That rounding up would be accumulated in a separate account and be invested in a trading fund. The app was made with native java android SDK for the front end, and integrated with an REST api. We didn't ended up on the top 3, but during the process we stumbled on various (mostly legal) complications and it was an enlightening experience for my career and problem solving skills.

🎓 EDUCATION

Master's Degree, UFSCar (Federal University of São Carlos), São Carlos, São Paulo - Brazil

March 2017 — June 2020

Within the area of Software Engineering with an emphasis on Cross-platform web and mobile development, I have created a number of proof of concept apps with different cross-platform frameworks. I also interviewed a lot of professionals working in the software industry.

I was a scholarship Master's degree student for the first 24 months, therefore I had an exclusive dedication contract. During this period all projects that I participated were volunteer and independent works.

Bachelor of Technology in System's Engineering, IFSP (Federal Institute of São Paulo), Piracicaba, São Paulo - Brazil

February 2014 — December 2016

At my bachelor's course I've learnt the fundamentals of computer science. Through it I was always looking for extra curricular activities and personal projects to pursue. Following are the highlights of my accomplishments:

- Final Project: An Web E-Commerce with a Windows Point of Sale - The reason behind it was to reduce stock problems with a shared DB, while maintaining a native Windows application for the PoS. It was made with .NET with Entity Framework for the back-end; Razor for the web front end; and XAML for the windows front end;
- Scholarship Project: Inverse Augmented Reality POC - I made an XAML Windows App that would enable drawing and controlling a set of images to be used in a projector and overlayed with real products in order to highlight them. And to integrate with that, I've made an android app that would toggle those images using web sockets based on the shopping cart he was buying;
- Personal Project: Along my Web Development Monitoring Scholarship I created a web platform for scheduling monitoring sessions for the students. It was made with .NET Razor and Entity Framework. It ended up being used by our campus for 2 years;
- Scholarship Project: Mobile App for a 4.0 Industry POC - A Xamarin App for Android and Windows Phone for controlling a machine created by Mechanical Engineering Students using Bluetooth.



EXTRA-CURRICULAR ACTIVITIES

Egress Student Mentor at IFSP, Piracicaba, São Paulo - Brazil

June 2018 — December 2018

I've mentored a student in a project using Kotlin and Kotlin/Native to develop an Android app for his final graduation project.

It was an volunteer work for graduates from IFSP.

Graduate Student Mentor at IFSP, Piracicaba, São Paulo - Brazil

September 2017 — October 2017

I've created an Agile methods course along 6 weeks, while mentoring and evaluating the students. It was mostly virtual using Google Classroom.

It was an volunteer work for graduates from IFSP.