Juan Taques

Front-end Tech Lead - Senior Engineer

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EXPERIENCE

Eworlds, Senior *Software Engineer – Tech Lead*

NOV - 2024 - LATEST

- Use Azure as the main PAAS.
- Used W3C fundamentals and React to create reusable high quality components for the new client and worker portal.
- Make the decision for the best frameworks and libraries for the team to use, as well as documenting and teaching every step to the team.
- Manage Microsoft PowerPages and PowerApps workflows.
- Use of Azure Functions, VMs, SQL databases, DevOps organizations, Container instances, Container Apps and much more.
- Management of the main project focused on React SSR, CSR and Pre-render for better performance.
- Architecture for the Python back-end and React front-end.

In Eworlds I'm a Senior and almost a Lead software engineer on the team, with the knowledge to create both back-end and front-end applications and pass this knowledge to the team. The team is small which helps to create leadership skills without much impact and provides a safe environment for little mistakes.

My job here is to create the worker and client portals, one for reviewing applications for the SUN bucks Hawaiian program and the other for the applicants to send their application.

Inetum, *Software Engineer*

DEC 2022 - NOV - 2024

- Used SSR to prepare the basic structures of the code giving the interface faster initial loads and better SEO.
- Used W3C fundamentals to create a page that had a golden accessibility seal from the government, this assured that even with disabilities the user would be able to navigate and use our interface.
- Created a Module Federation and EC6 import maps to put together a fast interface that was first rendered on the server and then distributed throughout Page 1 of 5 the entire system, making code duplication less within the company and component reuse easier.

At Inetum I worked a lot with Ruby, React, and Next on many projects, the best part being the TDD culture that the company has. All the seniors and

SKILLS

React

Angular

Flask

Python

LANGUAGES

English – Bilingual
DET – 130 points C1 English

Portuguese – Bilingual

EDUCATION

Descomplica Digital University
Postgraduate Degree Lato
Sensu, Computer Software
Engineering
(May 2024 – Sep 2024)

Descomplica Digital University
Postgraduate Degree Lato
Sensu, Computer Science
Specialization
(July 2023 – July 2024)

UNIP (CST), Graph design
(2018 – 2020)

CCLS English Language and
Literature
(January 2022 – January 2023)

leads that I worked with were harsh when doing code reviews, that by itself gave me a lot of experience, SonarQube was another precursor of my refactors in the project.

By using Jest and RSpec I got the chance to get involved in the project and got used to the workflow fast, the project was stable and reliable, and I couldn't ask for more

Wipro Limited, *Software Engineer*
MAY 2021 - DEC 2022

Wipro is a big corporation that aims to deliver projects for other companies. During my time working at Wipro I got the chance to work on an HP project called HP InstantInk. The project is built with React and Ruby and has been developed for 13 years so it's a robust application with a lot of individualities and edge cases. The project was perfect for improving teamwork, code review, code quality, best practices, and procedures.

- I developed features for the billing and shipping systems throughout the application, ensuring the response from external APIs and integrations was functional and tested.
- I created REST APIs with Ruby and Ruby on Rails for consumption and data treatment and analysis for the front end.
- I watched over feature flags and their management too.
- Biweekly meetings with a presentation and telemetry about the project and how it developed during those two weeks in an international meeting with all the teams.
- Conducted thorough code reviews to identify potential areas for improvement, ultimately enhancing the code quality of the code inside the project.

By using tools like Jenkins, New Relic, and Splunk we were able to keep all code and APIs in check and see if after deployment something went wrong, and if so, we would roll it back to the previous version and correct the problem.

Before this pipeline, the project had lots of unit tests with Jest and RSpec for each functionality, model, controller, view, component, and API.

And of course, I left the best for last. The interactivity between Ruby on Rails and React is something else, that makes it all come together. With fast REST APIs and the state management of React, all projects become a rocket that can fly beyond the galaxy.

Investflex, *Software Engineer*
APR 2018 - MAY 2021

InvestFlex is a company that runs a home broker in Brazil, at the time they had to start a new web app from scratch because their app was built with Adobe Flash Player.

- I designed the majority of their interface using Material UI and

Styled components, cutting the time that we had to create the interface in half and delivering the product right on the deadline.

- I integrated the front-end with AWS lambda functions to consume the fast-updating data from the Brazilian stocks by using Redux and inside React for state management throughout the interface.
- I created the folder structure based on TDD so every component would have a folder that would contain their style, tests, and functionality in one place.
- I implemented custom Hooks to reutilize component logic and extend it as needed.
- Reduced system downtime by proactively addressing potential issues through regular maintenance activities.

Overall we used Github to address versioning to our code, storybook to document our front-end, as well as Cypress for testing our interface, and Jest for isolated tests.