

Rafael Sampaio Tavares

Senior Frontend Engineer

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Summary

Senior Frontend Engineer who builds, optimizes, and scales. I have deep experience in the React ecosystem, enhancing legacy systems for thousands of users while also architecting new products from scratch. With full-stack experience in React Native and Nest.js and a passion for DevOps demonstrated by my personal Kubernetes homelab, I thrive on working across the entire stack to deliver robust solutions.

Experience

Paguru Digital Solutions

Senior Frontend Developer

Brazil

Jan 2019 - Apr 2021

- Developed and redesigned full-stack applications and websites for multiple clients, utilizing a diverse range of technologies including React.js, Vue.js, and Wordpress for an e-commerce MVP.
- Engineered a complex back-office frontend for an e-commerce system using React, Redux, and Material UI. Also contributed to backend development, building reports with Express.js and Sequelize on the Google Cloud Platform.
- Assumed leadership responsibilities for the Knolla and Friendsbee projects, managing tasks and sprints with SCRUM methodology and leading weekly client calls to ensure clear communication and project alignment.

🔗 <https://paguru.com.br/>

Kenlo

Senior Frontend Engineer

Brazil

Apr 2021 - Present

- Led modernization and performance initiatives for a legacy whitelabel platform serving over 7,000 real estate agencies with customizable, SEO-friendly websites.
 - Slashed build times by nearly 50%, taking the deployment pipeline from 13 minutes down to 7 minutes.
 - Architected and implemented a new asset management strategy that leverages CDN delivery for static assets, significantly boosting site speed and scalability for clients.
 - Partnered with the DevOps team to actively contribute to Kubernetes optimizations, improving infrastructure efficiency.
- Architected and led the development of a new CMS and a scalable Design System for internal projects. Ensured high code quality by implementing design patterns and achieving 90% test coverage, resulting in highly decoupled and reusable components.
- Engineered two major client-facing products: a Landing Page creator and a full-featured Blog creator. Both platforms were architected for high scalability and feature visual customization, SEO benefits, and content creation/scheduling tools to help clients drive engagement.

🔗 <https://www.kenlo.com.br>

Education

Universidade Federal de Campina Grande - UFCG 🌐

Computer Science

Coursework toward a BSc

Aug 2013 - Jun 2017

- Ago 2015 - Dec 2015 - Monitor of Programming Lab II
 - Helped students with Java related questions and problems, using design patterns as the main way to achieve results.
- Jan 2016 - Dec 2016 - Monitor of Information Systems I
 - Helped students with a Java Web application, using Play Framework, Scala, Thymeleaf and Ebean. Also taught some classes.

Faculdade Paraíso do Ceara - UNIFAP 🌐

Systems Analysis and Development

GPA 3.44 (Brazil 8.62)

Technologist

Aug 2018 - Dec 2020

Projects

Full-Stack Mobile Development

Developing a personal cross-platform application using React Native and Expo. The project features a backend built with Nest.js and utilizes Cloudflare CDN for efficient static asset delivery.

React Native, Expo, Nest.js, Cloudflare CDN

IT & DevOps Management

Manage a personal homelab environment using Kubernetes for container orchestration. This role includes overseeing the daily IT operations for a small industrial department, handling infrastructure, and ensuring system stability.

Kubernetes, Docker, Deployment

Skills

Frontend

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SEO, SSR, Hooks, React.js, Vue.js, Vite, Webpack, CSS, SASS

Languages

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TypeScript, JavaScript

Cloud

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GCP, Firebase

Backend

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Node, Sequelize, Nest.js, Express.js

Testing

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Jest, Vitest, React Testing Library, TDD

Languages

Portuguese

Native

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English

C1

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Certifications

Certificate in General English (C1)

Seda College - Dublin

Feb 2018

English Language Proficiency Exam

Universidade Federal Rural do Semi-Árido - Ufersa 🌐

Ago 2020

React - The Complete Guide (incl Hooks, React Router, Redux)

Udemy - Academind 🌐

Ago 2020

ReactJS, Hooks, Recoil, TDD, Clean Architecture, SOLID

Udemy - Rodrigo Manguinho 🌐

Dec 2021