

Frederico Vieira

Senior Software Engineer · Full-Stack Development

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Summary

Seasoned full-stack developer with 10+ years of transforming complex challenges into smart user-centric solutions, with a deep focus on front-end excellence. Expert in crafting high-performance applications using React and React Native, backed by a proven track record in creating intuitive interfaces, data visualization, and mobile apps. Passionate about leveraging JavaScript, Node.js, and Python to build innovative products.

Experience

Senior Software Engineer @ Appcues (Remote)

April 2022 / Current

- Develop, maintain, test, and review software features as a key technical responsibility;
- Collaborate closely with design teams to assess and optimize the feasibility of prototyped functionalities;
- Selected to be part of the new company project focused on creating multi-channel messaging workflows to enhance user engagement;
- Responsible for managing email and push notification projects, including all related workflow messaging features.

Projects:

- Mobile Builder: Web platform that allows users to create in-app mobile flows through a no-code builder experience;
- Studio: A unified web platform designed to manage, configure, and analyze insights into all company solutions to enhance user engagement and product adoption.

Technologies: JavaScript (React, Redux, Redux-Saga), HTML / CSS (SASS, Styled Components).

Tech Lead / Senior Software Engineer @ Arctouch (Remote)

Sep 2021 / Mar 2022

- Lead development team, overseeing technical solutions and system architecture design;
- Manage a 4-person developer team effectively delegating tasks and providing comprehensive daily support across technical and interpersonal domains;
- Develop, implement, test, and review software features as a core technical responsibility.

Projects:

- HP Print Service: Web platform that allows users to manage printer subscriptions. Enables device synchronization to track print history, paper usage summary, cartridge status, and ink toner levels;
- Tempo Platform Website: Personalized Diabetes Management platform for patients and healthcare professionals supported by Eli Lilly and Company.

Technologies: JavaScript (Axios, React, Typescript, Vue, Nuxt, GSAP), HTML / CSS (SASS, Styled Components), Single Spa (MFE's), Rollup.

Senior Software Engineer @ Syngenta (Remote)

May 2020 / Aug 2021

- Evaluated and implemented new features, proactively resolved technical debt, and developed comprehensive unit and integration tests;
- Mentored less experienced developers, guiding complex feature implementation;
- Selected for a sugarcane team project to develop a new application module and optimize performance for processing massive data volumes from thousands of hectares.

Project:

- Cropwise Protector: Intelligent Agricultural monitoring platform, that assists crop management with geo-referenced monitoring, team performance indicators, and pest control.

Technologies: JavaScript (Axios, Jest, React, React Testing Library, Redux, RxJS, TypeScript), HTML / CSS (Ant Design, SASS), AWS (CloudWatch, DynamoDB, Lambda, S3), Redis.

Education

Bachelor's in Computer Engineering
CEFET-MG · 2011 / 2016

Skills

Computer Languages

JavaScript, HTML, CSS, Python, SQL, GraphQL

Frameworks & Libraries

React, React Native, Redux, React Testing Library, TypeScript, Styled Components, Node.js, Jest, Vue, JQuery

Databases

MongoDB, DynamoDB, PostgreSQL, Redis, MySQL

Cloud Services

AWS (EC2, Lambda, RDS, Redshift, S3)

Strenghts

👥 Teamwork

I enjoy collaborating, sharing ideas, and actively listening to others to find the best solutions. A supportive environment that values diverse perspectives achieves the best solutions and creates memorable team connections.

🔧 Crafter

As a good front-end developer, I have a minimum level of layout detailing to ensure user experience. Furthermore, I care about organizing the code to make it maintainable, clear, and practical.

📖 Learner and documenter

I like to broaden my knowledge base and am stimulated by challenges to acquire new proficiencies. Additionally, I possess a penchant for documenting information and disseminating insights.

Tech Lead / Senior Software Engineer @ Stefanini (Hybrid)

Jan 2019 / Apr 2020

- Lead development team, overseeing technical solutions, system architecture design, and creation of web and mobile interfaces;
- Manage a 3-person developer team through effective task delegation and comprehensive daily technical support;
- Develop and evolve RESTful APIs to enhance system functionality and integration.

Projects:

- BDMG: It is an app for contract management online. It has modules for document validation and proof of life;
- KIM+: It is an app of service management, that helps the user with daily tasks such as recharging bus cards, paying bills, and phone data recharge as well as offering discounts in a variety of stores;
- Spark App: A white-label service management app comprising daily tasks, mainly recharging phones, paying bills, and transferring money.

Technologies: JavaScript (Axios, Jest, NodeJS, React, React Native), HTML / CSS (React Native Paper, React Native Elements, UI Kitten, SASS), Webpack, Serverless, AWS (CloudWatch, DynamoDB, Lambda).

Mid Software Engineer @ Smart Sense Lab - DCC/UFG

Oct 2018 / Jan 2019

- Led UI/UX proposal and validation process;
- Directed front-end and back-end technology selection, ensuring system functionality, creating unit tests, and integrating artificial intelligence algorithms.

Projects:

- Sense Cam: It is a web system of video surveillance that allows the user to have access to a variety of cameras on only one screen;
- Sense Face Recognition: It is a human recognition system that matches old and new pictures to recognize people, using mainly artificial intelligence algorithms;

Technologies: JavaScript (Axios, React, Redux, Jest, Enzyme), HTML / CSS (Materialize, SASS), Python (Flask), Webpack, Docker.

Mid Software Engineer @ Hekima

Jun 2017 / Oct 2018

- Responsible for maintaining system functionalities, creating comprehensive unit tests, and proactively resolving technical debts;
- Expanded technical expertise by working with functional programming languages in back-end development.

Project:

- Simplicidata: Artificial intelligence web platform for data preparation, which allows the users to perform a variety of customized data transformations.

Technologies: JavaScript (Enzyme, Jest, React, Redux, Relay, Charts.js), HTML / CSS (Materialize, SASS), Scala (Play), Webpack, GraphQL (Sangria), PostgreSQL, AWS (EC2, S3).

Junior Software Engineer @ FAPEMIG

Oct 2015 / Jun 2017

- Recognized as the most experienced junior developer, taking on challenging tasks involving complex user interactions in front-end development and intricate data manipulation in back-end systems.

Project:

- DataViva: Collaborative web platform for visualization of Brazilian socioeconomic data, in which the user can have an overview of the socioeconomic data of the country divided by states cities, and so on.

Technologies: JavaScript (D3, JQuery), HTML / CSS (Bootstrap), MySQL, Python (Flask), AWS (EC2, RDS, Redshift).

