

# Frederico Vieira

## Senior Software Engineer · JavaScript and React Specialist

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### About

I'm a software engineer who's passionate about creating projects that simplify users' lives. With a degree in Computer Engineering and over a decade of experience in the development of technological solutions, I've been responsible for developing projects in different areas such as mobile applications, dashboards, data, design, and communication platforms. Throughout my career, I have dealt with all software parts having front-end, back-end, and cloud technology skills. Over the past few years, I've been extensively engaged with JavaScript and React, creating amazing interfaces to improve user experience, but I also like to venture with Node.js and Python.

### Experience

#### Senior Software Engineer @ Appcues (Remote)

April 2022 / Current

I am currently working as a software engineer, responsible for developing technical solutions, assessing and implementing new features, addressing technical debts, and reviewing code and unit tests. In addition, I work closely with designers to evaluate the feasibility and optimal approach for prototyped functionalities.

#### Project:

- **Mobile Builder**: Web platform that allows users to create in-app mobile flows through a no-code builder experience.

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

#### Tech Lead / Senior Software Engineer @ Arctouch (Remote)

Sep 2021 / Mar 2022

I was responsible for leading a team of developers and overseeing the creation of technical solutions, including system architecture design. I also attended technical/product meetings to evaluate the technical side of the decisions. Additionally, I assisted with coding and creating tests.

#### 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

I worked on a dashboard/management software, where I evaluated and implemented new features, resolved technical debt, guided developers, and created unit and integration tests. I was selected to join a team responsible for the sugarcane cultivation module. The main challenge was making the system run smoothly consuming a large amount of data provided by 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.

### Skills

JavaScript React React Native

Redux Jest React Testing Library

TypeScript Styled Components

Node Python Vite Webpack

AWS GraphQL DynamoDB

### Education

#### Bachelor of Computer Engineering

CEFET-MG · 2011 / 2016

### Strengths

#### 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

## Senior Software Engineer @ Stefanini (Hybrid)

Jan 2019 / Apr 2020

In this consultancy company, I was able to work on various projects. In most of them, I was in charge of technological decisions, which consisted of building the software's architecture, technical leadership, creation of web and mobile interfaces, development and evolution of RESTful APIs as well as unit and integration tests.

### 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**: It is a white-label service management app that consists of 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).

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## Mid Software Engineer @ Smart Sense Lab - DCC/UFMG

Oct 2018 / Jan 2019

In addition to working in the full-stack development of laboratory projects, I performed the proposal and validation of the UI/UX. I also took charge of front-end and back-end technology choices, ensuring functionality maintenance, creating unit tests, and integrating systems with 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.

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## Mid Software Engineer @ Hekima

Jun 2017 / Oct 2018

I worked mainly on the front-end development of a data preparation platform. I was in charge of the maintenance of functionalities, the creation of unit tests, and the resolution of technical debts. I also ventured into the back-end working with functional programming language.

### 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).

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## Junior Software Engineer @ FAPEMIG

Oct 2015 / Jun 2017

I worked as a full-stack developer on a socioeconomic data visualization platform. During the project, I was the most experienced junior developer and took the challenging tasks related to user interactions in the front-end and data manipulation in the back end.

### 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).

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