

Iago Mendes

Software Developer

PROFILE

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TECHNOLOGIES

React.js Web	Next.js Web
React Native Mobile	Expo Mobile
Node.js Back-end	Express Back-end
MongoDB Database	PostgreSQL Database
JavaScript Language	TypeScript Language
HTML Markup	CSS Style
Styled Comp. Style	SASS Style
Git Utilities	Terminal Utilities
Linux Deploy	DigitalOcean Deploy
AWS Deploy	Docker Deploy
LaTeX Markup	Markdown Markup
Java Language	Python Language
C++ Language	MATLAB Language

AWARDS

2nd place in VTEX track of
Brazilian Hackathon
BRASA Hacks
April 2021

From a total of **51 teams**, my group won **second place**. With me as the **main developer**, we built an omnichannel integration to **VTEX's** platform. Using **back-end technologies**, it was an online bot with personalized messages, smart search, and checkout.

Ambassador Award for
Excellent Encouragement
International Astronomy and Astrophysics Competition
July 2020

EDUCATION

Oberlin College
Bachelor's Degree Computer Science & Physics (Astrophysics)
(September 2020 - May 2024)
3.9 / 4.0

CODING EXPERIENCES

Star View
(June 2021 - Present)

This is a software that informs users the best location, date, and time to **stargaze**, in which I have:

- Made the software **modern** and **responsive** by designing a new visual for **Android, IOS, and Web** versions.
- Increased **platform distribution** by recreating old version (made with Java) with **React Native** and **Expo**.

Cinephix
<https://cinephix.com/>
(January 2021 - Present)

This is a place where people passionate about movies and TV shows (**cinephiles**) can pursue their interest, in which I have:

- Built an **API** with **Node.js** and **MongoDB** that collects data from **TMDb's** API, caches information with **Redis**, and more.
- Developed and designed the entire **Progressive Web Application** using **React.js** and **Next.js**.

Cruz Representações
<https://cruzrepresentacoes.com.br/>
(August 2020 - Present)

This is a local sales representation company, which has approximately **1,500 clients**, in which I have:

- Reduced costs** of the company by developing a **Server**, an **E-Commerce**, and an **Administer System** specific to the company.
- Implemented features like automatic **e-mails**, **PDF** generation, **spreadsheet** for large data, **authentication** with roles, etc..
- Developed **PWAs** with **offline** support using web development technologies like **Next.js**, **React.js**, and **IndexedDB**.

STEM Guy
<https://stemguy.club/>
(November 2020 - March 2021)

This is a blog where you can read articles about **science** and **technology**, in which I have:

- Built an **API** with **Node.js** and **MongoDB**, and the front-end apps (blog and **Administer System**) with **React.js** and **Next.js**.

Text Counter
<https://textcounter.tools/>
(August 2020 - January 2021)

This is an application that counts text, which was my **first** project in **production**.

LEADERSHIP & VOLUNTEER EXPERIENCES

Astronomical Olympic League
Content Director
(June 2019 - Present)

This is a project about Astronomical Olympiads. Being **responsible** for the Content Team, I **delegate tasks**, create **reports**, participate in content production. We create free materials for students to study Astronomy, such as online events, classes, exercises, solutions for competitions, articles, etc..

Regional Astronomical Studies Center
Event Organizer, Content Creator, and Lecturer
(March 2019 - Present)

This is the Astronomy group of my local community. I have been a part of the **organization team** and given **lectures** in some events, such as Eclipse Observation and Astronomy Classes.