Iago Mendes

Software Developer

PROFILE

Website
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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	**PostegreSQL** 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 *(September 2020 - May 2024)*
Bachelor's Degree Computer Science & Physics (Astrophysics)
3.9 / 4.0

CODING EXPERIENCES

Star View *(June 2021 - Present)*
https://starview.one/google-play

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 *(January 2021 - Present)*
https://cinephix.com/

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 *(August 2020 - August 2021)*
https://cruzrepresentacoes.com.br/

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 **PWA**s with **offline** support using web development technologies like **Next.js**, **React.js**, and **IndexedDB**.

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

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/

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

LEADERSHIP & VOLUNTEER & WORK EXPERIENCES

Oberlin College *(October 2021 - Present)*
Student Grader for the Mathematics Department

I grade homework problem sets for the Multivariable Calculus course.

Oberlin College *(September 2021 - Present)*
Resident Assistant for the Office of Residential Education Housing

In this **leadership** position, I assist residents in developing a positive **learning community** environment.

Astronomical Olympic League *(June 2019 - Present)*
Content Director

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, articles, etc..