

# Tiago Dias

## Junior full stack developer

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🌐 [LinkedIn](#)

🐙 [Github](#)

🌐 [Portfolio](#)

## Summary

Dynamic and dedicated junior Full Stack Developer with a strong foundation in JavaScript (Node.js) and .NET. Experienced in end-to-end application development, I am eager to leverage my diverse skills set and passion for programming to drive innovative solutions. Committed to continual learning and growth, I thrive in fast-paced environments and am poised to make significant contributions to cutting-edge projects.

## Skills

Node.js - .NET - C# - Express

JavaScript - TypeScript

Postgres - MongoDB.

Google Cloud.

GIT - GitHub.

Linux.

TCP/IP - HTTP

English (advanced) - Portuguese (Native).

## Education

Software engineer

Centro universitário internacional

📅 September 2023 - August 2027

Law degree

Unibrasil

📅 August 2016 - December 2021

## Projects

### Beauty Company Web Page

Deploy: [Link](#)

- This project is a web page for a beauty company.
- Features such as add to bag, favorite were implemented to give a real experience of saving products on the platform.
- Those features store data in local storage to prevent the user from losing their products if something happens.
- When something is added to a bag or favorite, it shows a popup to make it easier for the user to know what's happening.
- I implemented a carousel to show the products on the home page, to give a better experience.

### Portfolio

Deploy: [Link](#)

- This project is a personal web page for publishing my projects and providing more information about me.
- I implemented everything with basic web technologies: HTML, CSS, and JavaScript.
- In addition to the site structure, the JavaScript code fetches data from a JSON file containing project information, then dynamically generates HTML elements to display each project.

### Alura Play

Deploy: [Link](#)

- I developed functions to interact with a fictional API for video management, enabling seamless video management and playback.
- Features such as video listing, creation, and search were developed.
- Everything was developed with basic web technologies: HTML, CSS and JavaScript..

### Bank

Deploy: [Link](#)

- This project consists of a web interface to simulate a user registration using basic web technologies.
- JavaScript is used to verify the form fields, thereby preventing users from inputting random information into any field.
- Additionally, the project also utilizes local storage to securely store information.

### Fokus

Deploy: [Link](#)

- I developed an application using HTML, CSS, and JavaScript, featuring a focus timer and task management functionalities.
- LocalStorage was used for task persistence, ensuring data integrity and uninterrupted user experience between sessions.
- The application dynamically updates the interface based on user interactions, optimizing usability and productivity.

### Alura Books

Deploy: [Link](#)

- This is a mobile-focused project for managing digital books, ensuring compatibility across various devices.
- The project utilized responsive design principles and adaptive layouts, enhancing accessibility and usability for users.
- HTML, CSS, and JavaScript were used to provide a seamless and engaging user experience.

These projects don't have a web interface, only a command line interface.

## API for a library company

GitHub Repository: [Link](#)

- A RESTful API in Node.js that offers core web functionalities.
- It follows the Model-View-Controller (MVC) architecture, ensuring a clear separation of concerns and modularity.
- The Express framework is used to manage routing, providing a robust foundation for handling HTTP requests and responses.
- To persist data, everything was implemented using MongoDB as a database.
- Technologies and Frameworks: Node.js, Express, MongoDB, Mongoose.

## First Library

GitHub Repository: [Link](#)

- A Node.JS Command Line Interface (CLI) application for file processing and link extraction.
- A user-friendly CLI interface was implemented to facilitate interaction.
- This application utilizes algorithms to accurately extract links from text files.
- Validation mechanisms were incorporated to ensure link integrity and quality.

## Spreadsheet Editor

GitHub Repository: [Link](#)

- A .NET console application for interacting with the Google Sheets API for data manipulation.
- Integration with the Google Sheets API was done for data interaction.
- Algorithms were implemented for data processing and calculation.
- Error handling mechanisms were implemented for robustness and reliability.

## Encoding challenge

GitHub Repository: [Link](#)

- A Node.js application for decoding a message that has a number identifying every word in it.
- The code reads numbers from a file.
- Arrange them into a staircase pattern.
- then decodes a message based on the position of these numbers in another file.