

Sandro Brito de Castro

Front-end Engineer (Eligible for IEFP internship)

Enthusiastic web developer with a focus on frontend development, eager to contribute to a collaborative team that values innovation, continuous improvement, and customer satisfaction.

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🔗 [Dedpy](#)

Education

Codecademy

Front-end Engineer

📍 Online

2023 - Present

Senac University Center

Advertising and Marketing

📍 São Paulo, Brazil

2011-2015

Technical Skills

Proficient Languages & Frameworks

HTML CSS JavaScript

React Bootstrap jQuery

Bootstrap

Tools

Git Webflow Figma Adobe Github

Heroku

Certifications

JavaScript Algorithms and Data Structures Professional Certificate | freeCodeCamp

Responsive Web Design Professional Certificate | freeCodeCamp

Front End Development Libraries Professional Certificate | freeCodeCamp

Gestalt Psychology & Web Design Interaction Design Foundation

User Experience Interaction Design Foundation

Design Thinking Interaction Design Foundation

Volunteer Experience

Volunteer Kickboxing Instructor

Porto, Portugal

Jun 2023 - present

Languages

English - (C1)

Spanish - (B1)

Portuguese - Native

Hobbies

Sports

Literature

Travel

Academic Projects

Random Quote Machine

🔗 [github](#)

TypeScript CSS HTML JavaScript

- Created a fully functional Random Quote Machine application following the provided user stories and design specifications.
- Leveraged frontend technologies such as React, HTML, CSS, and JavaScript to build the project. Applied responsive design principles, ensuring a seamless user experience across various devices and screen sizes.
- Overcame challenges related to the incompatibilities between React 18 and the project's tests, showcasing problem-solving abilities and adaptability.

JavaScript Calculator

🔗 [github](#)

TypeScript CSS HTML JavaScript

- Successfully created a JavaScript Calculator application, meeting the specified user stories and passing all associated tests. Implemented features such as basic arithmetic operations, decimal handling, and precision in calculation results.
- Employed a mix of frontend technologies, including HTML, CSS, JavaScript, and React, to build the calculator project. Ensured a responsive and visually appealing design while adhering to the provided user stories.
- Implemented calculator logic based on the specified user stories, considering both immediate execution logic and formula logic. Resolved challenges related to order of operation precedence, input validation, and maintaining calculator state.

Drum Machine

🔗 [github](#)

TypeScript CSS HTML JavaScript

- Designed and developed the Drum Machine application, meeting specified user stories and ensuring all tests pass. Implemented features such as clickable drum pads, keyboard trigger support, and dynamic display of associated audio clip descriptions.
- Ensured a visually appealing and responsive design by incorporating personal styling into the Drum Machine. Adhered to user stories while adding a personal touch to enhance the user experience.

25 + 5 Clock

🔗 [github](#)

TypeScript CSS HTML JavaScript

- Designed and developed the 25 + 5 Clock application, meeting specified user stories and ensuring all associated tests pass. Implemented features such as break and session length adjustment, countdown functionality, and dynamic display updates.
- Utilized a combination of HTML, CSS, JavaScript, and React to develop an engaging and visually appealing 25 + 5 Clock. Incorporated responsive design principles and user-friendly functionalities while adhering to project requirements.

Adopt a Pet

🔗 [github](#)

HTML CSS JS React

- Employed React Router to implement client-side routing in a pet adoption website, enhancing the user experience by enabling navigation to specific species, pet details, and search results.
- Successfully implemented dynamic URL parameter handling in the PetDetailsPage, ensuring accurate display of pet information based on the provided pet's ID in the URL.