

# Carlos Fernando Montibeller da Silva

Jaraguá do Sul – SC – Brazil • Mob.: +55 47 996-142-144  
Date of Birth: 10/13/1989 • [www.zicomontibeller.dev](http://www.zicomontibeller.dev) • [zico.montibeller@gmail.com](mailto:zico.montibeller@gmail.com)

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## Front End Engineer

As a passionate front-end enthusiast, I've cultivated expertise across a spectrum of languages, frameworks, and tools, primarily within the realm of front-end development.

I thrive in fast-paced environments and have a strong desire to continually grow and master my craft. I relish the challenges that come with working in dynamic settings, as they push me to constantly expand my skillset and stay at the forefront of industry trends. With a natural curiosity and an insatiable thirst for knowledge, I possess the ability and the drive to quickly learn new concepts and technologies, allowing me to adapt to ever-evolving landscapes with ease through effective communication and time management.

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## Skills

- Proficient in diverse languages, frameworks, and tools, with a strong emphasis on frontend technologies.
  - Dedicated to crafting clean, well-structured, and concise code.
  - Diligently stay abreast of evolving industry trends, technologies, and standards.
  - Fearlessly seek guidance and engage in constructive discussions with fellow developers to expand knowledge.
  - Eagerly foster a collaborative work environment, recognizing the symbiotic relationship between camaraderie and both learning and enjoyment.
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## Technical Knowledge

### Front End Development

- Javascript/ES6
- Typescript
- jQuery
- Angular
- ReactJS
- NextJS
- ElectronJS
- Redux
- Vuejs
- RxJS
- ESLint
- Mapbox
- Google APIs
- Highcharts
- Jasmine
- Jest
- Sass/Less/CSS
- Bootstrap (CSS)
- Foundation (CSS)
- Tailwind (CSS)
- Storybook

### Back End Development

- OOP
- NodeJS
- WordPress
- Ruby on Rails
- MySQL
- MongoDB
- Hybris (SAP eCommerce Framework)
- JSP
- JAVA
- PHP
- Python

### Tools

- Gulp
  - Grunt
  - Webpack
  - Babel
  - Bower
  - Slack
  - Jira
  - Trello
  - BrowserStack
  - Cordova
  - Docker
  - AWS
  - Git
  - CircleCI
  - Stripe
  - Paypal
  - Cucumber
  - Kanban
  - Scrum
  - Rubocop
  - Cypress
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## Education

**UNIVERSIDADE FEDERAL DE SANTA CATARINA, Florianópolis – SC - Brazil**  
**Bachelor of Computer Science, 2014**

**SENAI, Jaraguá do Sul - SC - Brazil**  
**Electronics Technician, 2006**

## Professional Experience

**WOLVEN** – Consultancy on user experience and front end development – [www.wolven.com.br](http://www.wolven.com.br)

**Fullstack (FE-heavy) engineer**, 10/2012 to 04/2023

Crafting optimal web solutions across diverse platforms, with an unwavering commitment to delivering the ultimate user experience.

### **Selected Accomplishments:**

- Spearheaded the development of a desktop app for [General Electric](#). The app, developed with Angular and ElectronJS, allowed users to edit specific device settings and import/export XML files. App screenshots in this [link](#).
- Part of the WEB team on developing Couchsurfing website. Along with the team and using Ruby on Rails we:
  - Improved the user's experience, by fixing bugs and adding new features, transitioning from an outdated Ruby on Rails codebase to a more efficient codebase incorporating ReactJS.
  - Developed user's subscription payments, integrating Stripe and Paypal SDKs with Ruby on Rails and ReactJS.
  - Implement BDD using RSpec, and TDD using Cucumber, to ensure the best user experience online and to keep high quality coding patterns.
- Developed improvements on [Veriblock](#) website and its [digital wallet app](#) using ReactJs and ElectronJS.
- Engineered a private desktop web app for [WEG](#)'s subsidized factory, using VueJS. This app was developed to be touchscreen and to show the status of every feature for every machine in a specific factory in real-time. App screenshots in this [link](#).
- Engineered the hybrid mobile application, [WEG IoT](#), for a prominent multinational enterprise, using Angular and Cordova. This innovative app empowers users to seamlessly oversee their residential solar energy systems alongside a suite of other devices offered by the company. Post the initial release, I assumed the role of instructor, imparting my knowledge to a team of developers, elucidating the intricacies of the app's architecture, and advocating best coding practices to facilitate continuous enhancements.
- Implemented the front-end of the SAP Hybris platform on several multinational companies such as [Cia. Hering](#), [WEG Industries](#) and [Adveo Group International S.A.](#)
- Developed the new [RedWeek](#) website, which has over 300,000 accesses a month.
- Designed a web application as part of an NBC Sports campaign, allowing users with no prior soccer knowledge to engage via their preferred social media platform. The system intelligently recommended soccer teams tailored to the user's profile. Additionally, the app offered the capability to generate personalized soccer cards and flags with custom text, facilitating easy online sharing.

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**CONPEDI** – Conselho Nacional de Pesquisa e Pós-graduação em Direito – UFSC (National Council of Research and Post-graduation in Law at UFSC) - [www.conpedi.org.br](http://www.conpedi.org.br)

**Software engineer**, 09/2010 to 09/2012

Design and develop the "publicaDireito" web system for the company. The primary objective of this system was to streamline the process of receiving, evaluating, editing, and publishing academic articles.

### **Selected Accomplishments:**

- Developed a user-friendly web system that allowed authors to submit their articles seamlessly. Through a dedicated platform, users could conveniently input their information and upload their article files, ensuring a smooth and efficient submission process.
- Enable the system administrator to view and manage the submitted articles. The administrator had the ability to assign specific articles to professors who specialized in the respective areas, ensuring thorough and expert evaluations.
- In addition to the evaluation process, I devised a mechanism that allowed the system administrator to compile approved articles into a cohesive book. This compilation would then be published on a newly generated website, specifically tailored for each event where the articles were presented.

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**LAED** – *Laboratório de Ensino a Distância* – UFSC (*Distance Learning Laboratory at UFSC*) - [laed.ufsc.br](http://laed.ufsc.br)

**Web Developer**, 03/2008 to 08/2010

Engaged in multiple enhancements for [Moodle](https://moodle.org/), an open source learning platform.

***Selected Accomplishments:***

- Developed a task management tool to be used by the system's managers to generate student's reports. This tool empowered system's managers to efficiently generate detailed student reports, providing valuable insights into their progress and performance.
- Creation of a chat module for shared classes. This module facilitated seamless communication and engagement between students, allowing them to participate in shared classes and exchange ideas effortlessly.

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**Languages**

- Portuguese - Native
  - English – Read, write, speak
  - Spanish – Read
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