Carlos Emanuel Klema
Full-Stack Developer

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Linkedin - Github - Portfolio

Full Stack Developer with 1 year of experience. Specialized in developing SPAs (Single Page Applications) with a PWA (Progressive Web Application) format using JS, React, Redux, pure CSS, and HTML for Front-end, NodeJS and ExpressJS for servers, and PostgreSQL with Sequelize for the Database. Knowledgeable in Web-sockets, microservices, security, Firebase, etc. I am characterized by my quick learning, ability to work under pressure, and rapid problem-solving skills. English Level: B2

PROJECTS

Position: **Full-Stack Web Developer**
Project name: **LoCanjeamos**   oct. 2023 – dec. 2023
Academic experience. Henry Bootcamp

Description: SPA, in PWA format, that facilitates the direct exchange of items between users. This promotes the circular economy and sustainability by allowing people to exchange goods they no longer need, thus encouraging reuse and waste reduction, and creating a collaborative space to share resources more consciously.

Contributions:
- Designed and implemented the matchmaking system between products.
- Designed and implemented the live chat system and in-app notifications via Web-sockets.
- Developed functions, components, and views for the correct functionality of the page.
- Effectively managed states and information with Redux.
- Connected all three sides of the application to ensure data flows correctly from the database to the user and vice versa.

Front: JS, React, Redux, CSS puro y HTML
Back: NodeJS y ExpressJS
Database: PostgreSQL y Sequelize.
Repo: LoCanjeamosRepo
Web-site: LoCanjeamosWeb

PROFESSIONAL EXPERIENCE

Position: **Full-Stack Web Developer**
Project name: **TiendasLocales**   Dec. 2023 - Currently
Municipality of San Cristóbal – Santa Fe

Description: Tiendas Locales is a platform designed for small and medium-sized communities that need to develop their online businesses. It allows businesses and professionals in these communities to create their own online presence in a simple and effective way. In addition to showcasing their products and/or services, it offers comprehensive tools that facilitate interaction with their customers, from online sales capabilities to the inclusion of live chat, real-time notifications, and a dedicated web address for each store. www.tiendaslocales.com.ar is not just a

web platform but also a progressive web application that can be installed on a wide variety of devices, such as Android, iOS, MacOS, and Windows.

Contribution:
- Implemented a robust Redux system for efficient communication between the Back-End and the Front-End, as well as optimized CRUD operations for essential models in the database.
- Designed intuitive interfaces, ensuring a coherent distribution of information. Integrated an in-app and push notification system, as well as an in-app chat to enhance user engagement.
- Developed interactive forms with strong validations.
- Designed database models for proper distribution and organization of information.

Position: **Full-Stack Web Developer**

Project name: **SanCayetano**   Feb. 2024 - Currently

San Cayetano – Pizzeria

Description: An informational SPA about all the products offered by a renowned pizzeria in my hometown, along with general information about the pizzeria.

Contribution:
- Developed the website from scratch in SPA format.
- Loaded all the information about the products offered by the gastronomic establishment.
- Designed images for a visually appealing site.
- Learned unfamiliar technologies in a short period of time.

Full-Stack Teaching Assistant   Oct. 2023 - Dec. 2023.

Academic experience. Henry Bootcamp

- Coordinated a group of students to achieve integration into the study team.
- Assisted in resolving exercises and promoted group collaboration (Pair Programming).
- Proposed ideas for improving Bootcamp processes.

PROFESSIONAL EDUCATION

Full Stack Web Developer. Henry Bootcamp. 800 hours of theoretical-practical coursework. 2023.

TECHNOLOGIES:

Languages: JavaScript - Java - CSS
Frameworks: React, Redux, Node.js, Express, Socket.io,
Database: PostgreSQL, Sequelize
Tools: Git, VSC, Discord, Slack, pgAdmin, GitHub
Agile: Scrum.

LANGUAGES

- English B2 - Upper Intermediate.
- Portuguese B2 - Upper Intermediate.
- Spanish C2 - Native.