

# Tona González

## JavaScript Developer

My journey started 6+ years ago as a self-taught developer focused on web development, I like to create maintainable solutions and I mostly focus on user experience and if possible developer experience. I'm innovation driven and I like to try the new framework in town whenever I can.

### Contact

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### Stack

**Libraries:** *TypeScript, Axios, Jest, React Testing Library, Supertest, Cypress.js*

**Frontend:** *React, Next.js, Gatsby, Redux, Redux-Observable, Redux-Sagas, Webpack, Chakra-UI, Material-UI, Ant-Design, Postcss, SASS, LESS, Tailwind CSS, Pug, Eps*

**Backend:** *Express.js, Loopback.js, Nest.js, Postgres, Mysql, Typeorm, Sequelize, Payload.js.*

**Technologies:** *Apache, NGINX, Heroku, Vercel, Netlify*

### Job Experience

#### Frontend Developer

Loadsmart (October 2021 - January 2023)

- Improved and maintained **React** dashboard for internal usage, using multiple libraries like **Redux**, for state management specially for the legacy parts of the app, **Styled Components**, and **Miranda** (Loadsmart's Design System), **React Query** for state management and doing unit and integration testing with **React Testing Library** and/or **Axios Mock Adapter**.
- Integrated and fixed bugs in customer facing **React** application that used **TypeScript** and used Clean Code for the new features.
- Wrote technical specifications document for each feature detailing code changes and feature tracking including feature flag names.
- Won 1st place at Loadsmart's 2022 Hackathon in Brazil, as a Frontend Lead, creating a product that went to production in less than a month after the event.

- Won 3rd place at Loadsmarts's 2021 Hackathon in Brazil, delivering an innovative product that relied on a very optimized SPA mobile phone exclusive.
- Maintained components library written in **React**.

## Software Engineer

Encora (February 2020 - October 2021)

**client:** The Bouqs (August 2020 - October 2021)

**role:** Fullstack Developer

- Worked on the new **Next.js** frontend that was written in **TypeScript** where we started using **Emotion** with **Styled System** but then pivoted to Bouqs' own Design System, handled the internationalization with **React Intl** and the new additions were covered by **React Testing Library** with **Jest**
- Created Bouqs' own Design System repository forking **Chakra UI** that already had a working Storybook with good opinions and a job to automatically deploy code, but made a change to deploy to Github Packages rather than npm.
- Started new project to handle **Docker Compose** files and **NGINX** rules to run multiple projects in one single Docker container, the project was a CLI created with **Gluegun** that uses **TypeScript** and easy setup with nice opinions.
- Maintained and improved legacy **Node.js** application that handled subscriptions business that was consumed by the **Express.js** REST API that was documented through **Swagger** and by a CLI that were run by a cronjob. The application was using **Mocha** and **Chai** for the testing and **Mock Service Worker** to test certain scenarios for the CLI app and **Normalize** for the **MySQL** querying.
- Delivered new features and fixed bugs on the frontend of the subscriptions application that was a **React** application written with **Flow.js** and used **Redux-Sagas** for state handling, **Emotion** for styling and the testing suites were written with **Enzyme** for the components, but moved to **React Testing Library** eventually, and for used **Jest** for utility testing.

**project:** Talent Platform (April 2020, August 2020)

**role:** Lead Backend Developer

- Started new application written in **Nest.js** with **TypeScript** with **TypeORM** for the **Postgres** database querying and **Swagger** for the REST documentation.
- Enforced Test Driven Design (TDD) using **Jest** and **Supertest** to have End to End testing.
- Created the Role Based Authentication layer of the application letting the app using **JWT**.
- Reviewed code and help other developers to get a grasp of the application structure and helping them with multiple tasks.

## Fullstack Developer

Nectar (2020)

<https://nectarmerida.com.mx/>

- Structured the architecture of the website, focusing on internationalization, SEO and performance.
- Created the new frontend of the website following the designer specifications using **React Static** in order to have a good First Paint Render and be served from a shared hosting, the styling was handled with **SCSS** and the internationalization was covered by **React Intl**.
- Started **Wordpress** website that worked as my CMS and created custom rules to handle the menú items in Spanish and English
- Created the **Htaccess** rules in order to have https.

## Frontend Developer

Ksquare (July 2019 - February 2020)

**client:** Scouts of America (August 2019 - February 2020)

**role:** Frontend Developer

- Fixed and Developed **React** Application that was using **Redux-Observable** for state management and **Ant Design** for styling, following Scouts of America custom theme.
- Helped to shape certain features that relied on legacy backend endpoints and depended on frontend *mix and match* to have a valuable to the user experience.

**project:** Conference App (July 2019 - August 2019)

**role:** Fullstack Developer

- Delivered multiple features on a **React** application that used **Material UI** for styling.
- Started new **Loopback 3** backend that relied on **Supertest** and **Jest** for the testing and used Google Calendar as the database/source of truth.

## Fullstack Developer

Hidroval (2017 - 2018)

<https://hidroval.com.mx>

- Designed the architecture of the application
- Started frontend app using **React** and some custom **Express.js** implementation for the Server Side Rendering, the styling was handled using **Bulma CSS** and **SCSS** in conjunction, the template for server side rendering was handled by **EJS**.
- Created a backend app using the framework **Loopback 3** and **Postgres** for the database, the framework offers **Swagger** schemas and easy REST API creation, I had to cover image upload scenarios (compressing and creating thumbnails).
- Set up Node.js hosting for the application Backend and Frontend.

## Frontend Developer

Recicla CV (2017)

<https://reciclacv.com>

- Designed the application
- Created and designed website for the business using **React** and **Gatsby.js** and handling styling with **CSS**.
- Made a **JSON** file that needed to be manually updated as the Backend.
- Set up **htaccess** file to cache assets for long time.

## Projects

### Mentor

A Codear! (*Let's Code*) (April 2021 - present)

- Helped young relatives to learn about Web Development focusing on **HTML**, **CSS** and **JavaScript**.
- Arranged individual weekly one hour class for my three students (soon to be four)
- Ran Hackathon like events (see <https://ruidapp.vercel.app/>)

### Personal Projects

**name:** Chido (Archived)

**role:** Open Source Developer

**url:** <https://github.com/martiuh/chido>

- Focused on delivering a Hybrid Site Generator, allowing users to host their **React** website in a Shared Hosting and providing some semi SEO to dynamic routes.
- Created custom webpack wrapper to let the developer to follow some known patterns (heavily inspired by **Gatsby.js**)