Juan José López Lira

Contact Information

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- **Website**: https://jlopezlira.dev

About

Full-stack developer with over **two decades** of **experience** in the **industry**. My expertise spans both frontend and backend development, and I am **passionate** about creating **engaging user experiences** and robust functionalities.

Since 2016, I've been working on JavaScript and other related technologies.

Likewise, I have also had the opportunity to lead development teams at renowned companies as well as entrepreneurial projects.

My ability to **manage teams** and **projects** has been instrumental in **achieving outstanding results**.

Experience

- **Company Tech lead**, Distillery, Apr 2021—Present

- **Full-Stack Developer**, Crossbridge Global Partners, Jan 2021–Apr 2021

- **Frontend Developer**, Kleeen Software, Sep 2020–Dec 2022

- **Senior Information Technology Business Consultant**, IVI DMC² Enterprises, May 2018–Sep 2020

Projects

Honeywell Maintenance Assist — 2023

https://vimeo.com/899724815/fa871117c5

Honeywell is a US-based company known for its innovations in various fields. They operate in aerospace, building automation, performance materials and technologies, and safety and productivity solutions.

"Honeywell Maintenance Assist" is a co-pilot mode assistant that uses AI trained with company information to help production line operators identify issues in the plants. This prototype was designed and implemented in just six weeks, from the concept creation to production deployment, including data training to enrich its knowledge base.

- Organizing and effectively leading the frontend team to ensure smooth and efficient development.

- Simplifying and automating the deployment process across various environments, thereby increasing efficiency and reducing the risk of human errors.

- Structuring the responses generated in the backend for three different types of outputs, allowing greater versatility in user interactions.

- Collaborating on image detection, contributing to the enhancement of the response method and the standardization of the format.

Tech stack

Figma, Docker, Vite, Vue.js, Pinia, Typescript, FastAPI, Python, OpenAI API, Langchain, Postgresql, PGVector.

Vivo Aquatics — 2023

https://www.vivoaquatics.com/vivopointpr

Top provider of innovative water management solutions to hotels, resorts, multifamily apartment owners, health clubs, municipalities, and water parks worldwide.

- Create a frontend architecture for React Native.

- Create a backend architecture.

- We successfully organized our team by following well-defined style guides and establishing a documented file structure. This contributed to team alignment, resulting in reduced onboarding time and increased efficiency in each sprint.

Tech stack

React Native based on TypeScript, Apollo Client, Atlas Realm for offline version, Nest.js as a backend framework, GraphQL with Apollo Server + Client, MongoDB as a database engine.

Altruist — 2022

https://altruist.com/

A streamlined solution bundles SaaS for account opening, trading, reporting, and billing. This empowers advisors of all sizes to run the practice they envisioned.

- As a senior React developer, my tasks include developing software for creating accounts.

- Perform as a technical lead for the team in charge of creating the user interface architecture.

- Improvements on E2E testing with Cypress.

Tech stack

ReactJS, Typescript, GraphQL, REDUX, Styled Components, React Native.

Thrive Market — 2021

https://thrivemarket.com/

Membership e-commerce platform on a mission to make the world's highest quality natural and organic products affordable for every American family.

- Conduct experiments related to discounts, enrollment improvements or renewed UX to visitors.

- Support the code base with the application architecture based on SOLID principles applied to Next.js

- Reduce the gap between design and engineers by establishing unifying themes with styled components, from font sizes to color schemes.

- Increasing the conversion rate over 10% from the landing page.

Tech stack

Next.js, Typescript, React Query, REDUX, Styled Components, Storybook

Bhuma Branding — 2022

https://bhuma.dev

This includes branding for the entire company and all visual communication.

Tech stack

Figma

Bhuma IDE — 2022

- UX/UI of the platform, from onboarding to the experience of creating dashboards in a simple way for users.

- Deployment of improvements to the company platform in terms of UI, i.e., readability enhancement.

- Created basic architecture to generate end-user custom interfaces or custom themes.

- Designed the interface for several companies, such as HPE, Dun & Bradstreet and Votiro, while complying with specific style guides.

Tech stack

Figma, Typescript, Tailwind, React.js, Playwright, Vitest, GitHub Actions

Bhuma Landing Page — 2022

Site generated for product demo and lead generation.

- UX/UI

- Front-end architecture

- E2E testing with Playwright.

Tech stack

Figma, Next.js, Typescript, Tailwind

Bhuma Co-pilot — 2022

Prototype and POC implementation.

- UX/UI

- Branding

- Prototype

- P.O.C.

Tech stack

OpenAI API, Figma, Typescript, Node.js

Saddleback Companion app — 2021

https://saddleback.com/watch/Apps

- Maintenance services for the client mobile/web platform.

- Maintained mobile/web platform created with ReactJS/Native and C# as a backend, and PostgreSQL database.

- Worked in tandem with a team of +70 developers.

- Migrated the client's application from Class components to functional components.

- Introduced Typescript to the code base from their WebPack compiler for web.

Tech stack

ReactJS, React Native, C#, PostgreSQL, Typescript, Webpack

Personal Projects

Nickelodeon Resorts / Viacom CBS Networks Int. — 2020

T-shirt customizing application to enhance user experience and increase product engagement.

- Create a project prototype using Design thinking methodology.

- Delivered the project for iPad 6 located in a specially designed machine at resort souvenir shop.

- Print center web admin platform.

- Backend architecture.

Tech stack

React Native, ReactJS, React Query, Styled Components, PostgreSQL, Typescript, Express

Viago Travel — 2022

https://viago.travel

Tours and Experiences SMART booking engine.

- Create a project prototype using Design thinking methodology.

- SaaS Front-end architecture

- APP Front-end architecture

- Landing page architecture

- Backend architecture Nest.js

- Database modeling with PostgreSQL

- Real-time sync with Supabase

Tech stack

ReactJS, React Native, Tailwind, PostgreSQL, Typescript, Nest.js, Supabase

Open-source code contributions

FastAPI

https://github.com/tiangolo/fastapi/pull/10957

Supabase — Auth

https://github.com/supabase/auth-ui/pull/189

OpenCommit — AI commit generator

https://github.com/di-sukharev/opencommit/pull/132

Tailwind plugin for Vue.js

https://github.com/ianaya89/vue-cli-plugin-tailwind/pull/1

Collaborations

- ReactJS / React Native Interviewer — https://distillery.com/

- ReactJS Interviewer — https://qualifinds.com/

- Backend Node.js / Laravel / PHP Interviewer — https://qualifinds.com/

Education

- Bachelor's Degree in Graphic Design, Universidad Del Valle de Atemajac, 2001

Languages

- English B2 (intermediate)

- Spanish (Native)

Skills

Frontend

- HTML
- CSS
- JavaScript
- Typescript
- ReactJS
- Astro
- Nuxt.js
- Next.js
- Vue.js
- Redux
- Pinia
- Zustand

Mobile

- React Native
- Flutter
- Swift 5
- SwiftUI

Design

- Figma
- Sketch
- InVision
- Adobe XD
- Adobe Photoshop
- Adobe Illustrator

Backend

- Node.js
- Nest.JS
- GraphQL
- Laravel
- Python (FastAPI)

Other

- AWS
- GCP
- Vercel
- Git as Ninja

Database

- Firebase

- Realm

- Supabase

- MongoDB

- MS SQL

- MySQL

- PostgreSQL

Soft Skills

- Leadership for Work Teams

- Design Thinking

- Design Sprint

- Trello Task Management

- Prompt Engineer ChatGPT