

# Alex Araiza

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## Skills

Node.js, Next.js, SvelteKit, React, Svelte, Express, Flask, JavaScript, TypeScript, Python, Rust, C++, SQL, GraphQL, HTML, CSS, MySQL, PostgreSQL, Firebase, AWS

## Professional experience

**Full stack developer** — [Kombo](#) December 2021 – January 2024

- Increased the conversion rate of a Kombo API by 73% by reducing its average response time from 6.3 seconds to 1.5 seconds
- Improved the reliability of automatic after-sales actions, reducing the need for intervention by customer success representatives in 41% of cases
- Increased revenue by 12% in the Italian market by integrating the services of high speed train providers using their API

## Volunteering experience

**IT Lead** — [LineHayat](#) September 2021 – June 2022

- Coordinated a team of 4 engineers to accelerate the development of a real-time chat system, ensuring its timely delivery for pilot testing
- Led recruitment efforts that resulted in the addition of 3 new developers to the team

## Projects

**eventual.li** (SvelteKit) [Website](#)

- Decreased event search time by 53 % by storing previously fetched events in a cache
- Collected event and location data from multiple APIs, decreasing the error rate of the event search and location autocomplete services

**Sopars de duro** (Next.js) [Website](#) | [Code](#)

- Achieved a 98 % reduction in time navigating between pages and an 83 % reduction in initial page load time by migrating from WordPress to Next.js

**Price tracker** (Flask, JavaScript, PostgreSQL) [Website](#) | [Code](#)

- Increased the accuracy of the price fetching algorithm by adding price history to the database schema
- Reduced the number of new bugs by unit testing critical parts of the codebase

**Infection simulator** (HTML, SCSS, JavaScript) [Website](#) | [Code](#)

- Improved simulation performance by optimizing collision detection algorithms

## Education

**Polytechnic University of Catalonia** October 2020

Bachelor's degree in Industrial Technology Engineering