Eduardo González Zavala

Senior Frontend Engineer · Accessibility · Open to full-stack

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Mexico · Remote, UTC–6

SUMMARY

Frontend engineer with eight years of building accessible web and mobile apps. At Drift I held the frontend to WCAG AAA and was the go-to engineer for critical bugs. Today I am the only engineer on SITIMM's platform, a union's website, app and admin panel for 70,000 members, and I direct teams of AI agents to build and run it.

EXPERIENCE

Lead Engineer, AI agent teams · SITIMM — 2025 – present

- Sole engineer on the union's public platform: a Next.js website in 8 languages, a React Native app on both stores, and the admin panel, on a FastAPI and PostgreSQL backend.
- Direct teams of AI agents across 5 repositories: 8,790 commits since May 2025, with local quality gates (types, lint, tests, accessibility) before every push.
- Made accessibility hard to break: 30 lint rules on every push, typed components that cannot ship a dialog without a name, and keyboard tests for every picker.
- After an outage, rebuilt the app assistant's search over everything the union publishes inside the existing Postgres (pgvector), over one weekend.
- Automated publishing: a bot reads the comms team's WhatsApp channel, AI drafts the post in 8 languages, and an admin approves it from email or WhatsApp.

Senior Frontend Developer · Drift (Salesloft) · Remote — Jul 2022 – Jun 2025

- Main point of contact for critical and high-priority frontend bugs.
- Held frontend implementations to WCAG AAA across the platform.
- Leading role in migrating the chatbot to a new architecture, improving performance and maintainability.
- Moved from React and Redux to Next.js and Jotai on a Turborepo and T3 Stack platform (TypeScript, Tailwind, tRPC); took backend tasks as needed.

Frontend Developer · SITIMM — Oct 2019 – May 2022

- Built web and mobile apps from scratch with stakeholders, from requirements to deployment: React Native apps with sign-in, push notifications and offline support.
- A custom CMS with role-based access, an event sign-up system with reminders, a secure election system with real-time vote tracking, and a file-sharing tool with access control.

Frontend Developer · Startups · Remote — Apr 2018 – Oct 2019

- React and Gatsby sites with SSR and SSG, GraphQL data layers, and performance and SEO tuning.

Software Developer · Net Arquitectura — Aug 2017 – May 2018

- Accounting modules in Visual Basic; responsive web interfaces in HTML, CSS and JavaScript.

Junior Frontend Developer (internship) · MagmaLabs — Jan – Aug 2017

- Intensive Ruby on Rails program: test-driven development, Ruby Koans, Code in the Dark.

SKILLS

Frontend: React, Next.js, React Native, TypeScript, JavaScript, HTML, CSS, Tailwind, Redux, Jotai, Gatsby

Accessibility: WCAG 2.2 AA and AAA, axe, keyboard testing

Backend: Node.js, FastAPI, PostgreSQL, GraphQL, Firebase, Docker

Testing: Playwright, Jest, Vitest, TestCafe

EDUCATION

Bachelor's in Computer Systems Engineering
Instituto Tecnológico Superior de Irapuato (ITESI)

LANGUAGES

Spanish, native · English, professional