

Marcos Klender Carrasco Gonzaga

[linkedin.com/in/marcosklender](https://www.linkedin.com/in/marcosklender) · github.com/marcosklender · marcosklender.com

Santo Domingo, Ecuador · marcosklender@gmail.com · +593 980 199 488

PROFESSIONAL SUMMARY

Senior Frontend Developer with 8+ years of experience specializing in React, TypeScript, and modern frontend architectures. Expert in building enterprise-grade, pixel-perfect responsive interfaces that serve thousands of concurrent users. Proven track record in performance optimization, component system design, and frontend team leadership. Strong collaborative approach with cross-functional teams and genuine passion for clean code, UI/UX design, and continuous learning. Open to international opportunities.

EXPERIENCE

Consejo Nacional Electoral del Ecuador (CNE)

Senior Frontend Developer

Santo Domingo, Ecuador

November 2019 – Present

- **Lead Architect** for critical, high availability electoral applications, developing frontend systems that ensure **99.9% uptime** during high stakes election periods.
- Develop and maintain internal and public facing portals using **React, TypeScript, and TDD principles**, focusing on security, accessibility (WCAG), and performance.
- **Lead and Mentor** a cross-functional team; delivered comprehensive technical training on new software and best practices to **400+ colleagues**, achieving a **75% reduction in software misuse incidents**.
- Provide senior level technical support for electoral software, designing and implementing fixes that **reduced user-reported issues by 80%**.
- *Tech Stack: React, TypeScript, TDD (Vitest, React Testing Library), CI/CD, WCAG.*

iLinser

Co-Founder & Full Stack Developer

Santo Domingo, Ecuador

January 2020 – June 2024

- **Co-founded** this web development agency and served as the sole developer, managing the complete product lifecycle from concept to deployment.
- **Led frontend architecture** and established coding standards and reusable component libraries.
- Delivered responsive e-commerce platforms that **increased client sales by up to 90%** through comprehensive UX audits and mobile first optimization.
- Implemented lazy loading, code splitting, and state management strategies resulting in a **50% improvement in user retention** on client applications.
- *Tech Stack: React, JavaScript, PHP, Laravel, Styled Components, REST, Jest, MySQL.*

EDUCATION

UNIVERSIDAD INTERNACIONAL DE LA RIOJA (UNIR)

Master's Degree in Software Engineering and IT Systems

La Rioja, España

2024 – 2025

UNIVERSIDAD INTERNACIONAL DE LA RIOJA (UNIR)

Advanced University Degree in Data Analysis for AI

La Rioja, España

2024 – 2025

PONTIFICIA UNIVERSIDAD CATÓLICA DEL ECUADOR

Systems and Computer Engineer

Santo Domingo, Ecuador

2014 – 2018

PUBLICATION

[Hybrid Software Development Methodology Combining XP and SCRUM](#)

Carrasco, M.K., Ocampo, W.J., Ulloa, L.J., & Azcona, J. (2019).
Mikarimin – Multidisciplinary Scientific Journal (ISSN 2528-7842)

FEATURED PROJECTS

[Pageness – High-performance Link-in-Bio platform \(SaaS\)](#)

- Engineered a blazing fast **SaaS platform** from scratch, implementing a custom client-side routing system to achieve a native app-like experience (**SPA**) without heavy framework overhead.
- Integrated complex monetization logic via **Polar.sh**, handling subscription lifecycles, webhooks, and a custom promotional code system to drive user acquisition.
- *Technologies: React, Astro, TypeScript, Tailwind CSS, Polar.sh, Supabase, Canvas API.*

[GillispieTeam – Web SPA for US Real Estate Business](#)

- Developed a feature-rich Single Page Application for a **US-based client**, translating complex business requirements into a seamless user interface for property listings.
- Optimized data fetching and state hydration using **Tanstack Query** and implemented **TDD principles** with Vitest and Testing Library. Deployed on Vercel.
- *Technologies: React, TypeScript, React Router, Tailwind, Tanstack Query, Supabase, Vitest, TDD.*

[Parkeado – Real Time Parking Management System \(Master's Thesis Project\)](#)

- Architected a full-stack, **real-time** parking monitoring system featuring geolocation services.
- Designed and deployed an end-to-end **CI/CD pipeline** on Railway, integrating a **Java backend**.
- *Technologies: React, TypeScript, Java, Spring Boot, PostgreSQL, Leaflet, Sass, Railway, CI/CD.*

[WarpPortfolio – Terminal Inspired Portfolio Design](#)

- Pixel-perfect portfolio replicating the Warp Terminal UI. Available at [Official Astro Themes](#).
- **Recognized and shared** by the [Official Warp Terminal team on Twitter/X](#).
- *Technologies: Astro, TypeScript, Tailwind CSS, Custom UI Components.*

SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML, CSS, Python, PHP

Frameworks & Libraries: React, Next.js, Remix, Astro, Vue 3, Laravel

Styling: Tailwind CSS, Sass, CSS Modules, Styled Components, Bootstrap

State Management: Zustand, Redux, Context API, Tanstack Query

Testing: Vitest, Jest, Playwright, React Testing Library

Databases: PostgreSQL, MySQL, Supabase, GraphQL, REST APIs

DevOps & Tools: CI/CD, Git, Docker, AWS, Azure, Vercel, Netlify, Vite, Figma

Concepts & Architecture: TDD, SOLID, DRY, System Design, Accessibility (WCAG)

Languages: English (C2 Proficiency, [EF SET Certified](#)), Spanish (Native)