# Marcos Klender Carrasco Gonzaga

<u>linkedin.com/in/marcosklender</u> · <u>github.com/marcosklender</u> · <u>marcosklender.com</u>

Santo Domingo, Ecuador · <u>marcosklender@gmail.com</u> · +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)

Santo Domingo, Ecuador November 2019 – Present

Senior Frontend Developer

- **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 Al

**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

#### 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 (Spring Boot) backend with a React/TypeScript frontend deployed on Netlify.
- Technologies: React, TypeScript, Java, Spring Boot, PostgreSQL, Leaflet, Sass, Railway, CI/CD.

#### <u>GillispieTeam – Web SPA for US Real Estate Business</u>

- Architected a scalable SPA (Single Page Application) for a US-based real estate client.
- 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.

#### <u>AstroLinkHub – Open Source Linktree Alternative (28+ GitHub stars)</u>

- Highly adopted project with a global user base. Available at Official Astro Themes.
- Built with a focus on performance (SSG) and easy customization via a single JSON file.
- Technologies: Astro, JavaScript, CSS, Static Site Generation (SSG).

### 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)

Concepts & Architecture. Tob, 30clib, bit1, 3ystem besign, Accessibility (WO)

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