

CARLOS HUMBERTO GARCIA LIRA

Fullstack Developer | Frontend Developer

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Portfolio: <https://chgl.codes>

Zamora, Michoacan, Mexico

Personal Profile

Last semester Computer Systems Engineering student specializing in Fullstack development. Focused on modern Frontend technologies (React, Next.js, Astro, TypeScript). Experienced in delivering web solutions, including achieving significant SEO improvements and optimizing load times. Seeking a challenging Frontend/Fullstack Developer role to contribute my skills to innovative projects.

Technical Skills

Javascript | Typescript | React | NextJS | Astro | ReactNative | HTML | CSS | SCSS | AXIOS | Zustand | Socket.io | Leaflet | Recharts | Ag-grid | Auth.js | CLSX | CMDK | Zod | Tailwind CSS | Tamagui | RadixUI | ShadCN | UIKit | SSR | SEO | MDX | PHP | Go | NodeJS | Express | SQL | SQLite | MySQL | DataGrip | Pocketbase | Firebase | Webhooks | Git | CI/CD | Docker | Azure | Azure DevOps | XP | Scrum | Figma

Soft Skills

Collaborative | Effective communication | Proactive | Curious | Creative | Innovative | Flexible | Adaptable to change | Ability to manage time efficiently | Ability to solve problems | Ability to learn quickly

Work Experience

OnTracking GPS

Frontend Developer

Zapopan, Jalisco (Remote)

Jun 2024 – present

- Led the complete frontend modernization of a GPS monitoring platform, initiating the UI/UX redesign to create a modern, intuitive, and fully responsive user experience.
- Developed critical features, including real-time vehicle visualization on maps and dynamic reports.
- Achieved an 80% reduction in load times for route history queries through rendering optimizations and data processing algorithms.
- Implemented modern frontend development patterns such as SSR, state management, and lazy loading to improve performance.
- Actively contributed within a Scrum environment, collaborating with backend developers and PMs, and providing input on UI/UX design.

Garcia Lira & Asociados

Frontend SEO Developer

Zamora, Michoacan (Freelance)

Nov 2024 – Feb 2025

- Developed and launched the initial web presence (landing page + blog) for an accounting firm, focused on maximizing online visibility.
- Applied best practices in technical and content SEO throughout the development, achieving a top 5 ranking on Google for niche keywords and a 100% SEO score on PageSpeed Insights.
- Used Astro to build the site, leveraging its architecture for optimal performance and efficient content management based on MDX files for the blog.
- Designed a clean and consistent user interface with TailwindCSS, focused on usability and performance, achieving outstanding metrics in Core Web Vitals.
- The solution directly generated new clients for the firm, validating the effectiveness of the online presence and the implemented SEO strategy.

Universidad Intercultural Indígena de Michoacan

Fullstack Developer

Zamora, Michoacan (Social service)

Oct 2023 – Dec 2023

- Led the complete development cycle of a web platform for teacher evaluation, impacting + 1500 students statewide and directly contributing to the university's audit processes and educational quality improvement.
- Designed and implemented a robust solution using Astro (SSG), RadixUI/TailwindCSS for the frontend, and Pocketbase (Go) for the backend and Google OAuth 2.0 authentication.
- Improved usability through a simplified interface design and the implementation of auto-save, facilitating the process for non-technical users.
- Solved a key integration challenge by linking existing student data (from XLSX) with Google OAuth 2.0 authentication, ensuring correct assignments and avoiding duplicates.
- Received official recognition for the technological contribution made.

ASTECFLO

Frontend Developer

Culiacan, Sinaloa (Freelance)

Jun 2023 – Sep 2023

- Contributed to launching multi-platform (web/mobile) service order management product, focusing on frontend development with React Native (mobile) and Next.js (web).
- Overcame technical hurdles, including building a reliable document scanner in React Native, integrating push notifications, and ensuring visual consistency across platforms with Tamagui.
- Streamlined mobile app order registration, cutting processing time by 35% and boosting technician efficiency for over 100 users.
- Engaged in a fast-paced XP development cycle, collaborating with backend teams and product managers to meet MVP deadlines.

Deluxe Closets

Frontend Developer

Las Vegas, Nevada (Freelance)

Aug 2022 – May 2023

- Responsible for frontend development (Next.js) for an administrative web application to digitize the manual processes of a custom closet company (sales, projects, installations).
- Implemented intuitive and responsive user interfaces for all key modules, based on Adobe XD designs, including a step-by-step guided flow for the sales process.
- Solved technical issues related to appointment scheduling and data management.
- Worked closely in a Scrum team with backend developers and product managers to transform the client's operations, receiving positive feedback from end-users on the design and usability.

Education

Instituto Tecnológico de Estudios Superiores de Zamora

Engineering in Computer Systems

Fullstack specialization

Zamora, Michoacan

Ago 2021 – Mar 2026 (expected graduation)

Certificates and Achievements

Mercado Pago

Certified Developer – Checkout Pro

Mar 2021

XI Local Programming Contest ITESZ

First place in the open category

May 2023

Languages

Spanish – native

English – B2