



LUIS MEDINA

Software Engineer

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ABOUT ME

Software Engineer with **4+ years of full-stack experience** focused on building robust, scalable, and high-performance applications. I specialize in developing **e-commerce platforms** and **internal management systems**, constantly prioritizing performance optimization and user experience. **Strong foundation in Agile** delivery and highly analytical in tackling complex software challenges.

WORK EXPERIENCE

Full-Stack Developer | April 2025 – September 2025 (Freelance Projects)

*Designed, developed, and deployed three custom websites (insurance, real estate, e-commerce) for independent clients. Utilized **Vite, TypeScript, Tailwind CSS, Node.js, Serverless Functions**, and **SQL** to deliver robust, scalable, and responsive solutions. Projects included the official websites for **CP Global Insurance, All City Gold Jewelry, and Melissa Barba Real Estate**.*

Tomodachi Events, Full-Stack Developer | September 2024 – Present

*Maintained and developed internal client-server applications (event management, administration). Utilized **TypeScript, React**, and **Express.js/Node.js** with **PostgreSQL**, achieving a **~20% overall performance improvement** via API/database optimization.*

Sabe de Seguros, Full-Stack Developer | July 2021 – October 2024 (Freelance/Project-based)

*Developed and managed responsive web quote systems for the company using a custom **WordPress plugin (PHP, MySQL, Vue)**, **reducing quote generation time by an estimated 40%**. Managed WordPress CMS and integrated Excel-based quote systems, improving data efficiency.*

Universidad Rafael Belloso Chacín, Full-Stack Developer | January 2024 – April 2024

Senior Thesis Project: *Developed a responsive crowdfunding web application using **FastAPI (Python), React**, and **Bootstrap**, significantly enhancing accessibility for contributions to social initiatives.*

Romano's Pizza, Full-Stack Developer | July 2021 – November 2022 (Freelance Project)

*Developed a web **point-of-sale (POS) application** project, leveraging a **personal PHP framework, MySQL, Vue.js**, and **Vuetify**, to streamline sales and inventory management.*

SysModelers, Front-End Developer | August 2021 – February 2022

*Developed **user-centered** and **accessible UI/UX experiences** leveraging **React components** and **CoreUI**. Proactively **optimized CRUD functionalities** and **UI responsiveness** by implementing **optimistic updates** for perceived performance, even addressing backend query optimizations.*

Regalado Group: Real Estate, Manager of Network Department | March 2022 – October 2023

*Managed **commercial website administration** and **Joomla CMS content**, overseeing real estate property listings. Provided direct support to internal users/advisors and the advertising agency.*

EDUCATION

Computer Engineering, Universidad Rafael Belloso Chacín, April 2024.

SKILLS

Languages & Back-End: TypeScript, JavaScript, Python, PHP, Node.js, Express, FastAPI, PostgreSQL, and MySQL.

Front-End & UI: React, Next.js, Vue.js, Tailwind CSS, Radix UI, CoreUI, Vuetify, Bootstrap.

Tools & Dev Practices: Git, GitHub, CI/CD, SCRUM, Jira, Jest, Vitest, Cypress, ClickUp, Notion.

ADDITIONAL INFORMATION

Languages: Spanish (Native), English (High proficiency in technical reading/writing, with functional conversational skills).