



LUIS MEDINA

Software Engineer

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ABOUT ME

Software Engineer with 4 years of experience developing and managing custom software solutions, **consistently delivering robust and scalable applications**. Solid skills in **JavaScript, TypeScript, React**, Python, PHP, and agile methodologies. Highly assertive and passionate about continuous learning and tackling complex challenges with creative and analytical approaches.

WORK EXPERIENCE

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

Responsible for the maintenance and development of internal client-server applications (event organization, administration, sponsors, exhibitors, artists, clients). Utilized **TypeScript, React**, and **Express.js/Node.js** for server-side applications with **PostgreSQL**, deployed on **AWS**, optimizing API and database structures for **~20% overall performance improvement**.

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

Developed and managed responsive web quote systems for the company website using a custom **WordPress** plugin with **PHP, MySQL, Vue**, and **Vuetify**. Managed content with **WordPress** CMS and contributed to **Excel-based quote systems** development for international/national insurance, ensuring seamless data integration and process 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**. The system featured highly flexible, custom manual payment options, 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 collaborated with the advertising agency to boost brand promotion.

EDUCATION

Computer Engineering, Universidad Rafael Belloso Chacín, April 2024.

SKILLS

Languages: **JavaScript, TypeScript, PHP, Python, C#, Java**. Web Technologies: **CSS, Tailwind CSS, Semantic HTML, Bootstrap, Shadcn UI, Radix UI, Vuetify, CoreUI**. Frameworks: **React, Vue.js, Express, Next.js, FastAPI, Laravel**. Databases: **MySQL, PostgreSQL**. Tools & Platforms: **Git, GitHub, GitHub Actions, GitHub Copilot, CI/CD, AWS Cloud, Node.js**. Testing: **Jest, Cypress, Vitest**. Project Management: **Jira, SCRUM, ClickUp, Notion**. Office Software: **Excel (advanced), Google Sheets**.

ADDITIONAL INFORMATION

Languages: **Spanish (Native), English (Basic conversational proficiency, high technical reading and writing competence)**.