

LUIS ROCA VELÁSQUEZ

Systems Engineer | QA Automation & Web Developer | [Linkedin](#) | [Portfolio](#) | Venezuela

PROFESSIONAL PROFILE

Systems Engineer with 3 years of experience combining Frontend Web Development and Quality Assurance (QA). Specialized in process automation using Python and Selenium, and dynamic reporting. Proven track record working in remote international environments (Chile), developing ERP systems, E-commerce platforms, and AI-integrated Chatbot solutions. Adept at optimizing workflows and scaling technical solutions for both public and private sectors.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, PHP, Visual Basic, HTML5, CSS3.
- **QA & Automation:** Selenium, Web Scraping, Manual & Automated QA, JSReport (Dynamic PDF/Excel reporting).
- **Frontend Development:** React, Tailwind CSS, Bootstrap, MVC Architecture.
- **Databases:** MySQL.
- **Tools & Cloud:** Git, Docker (Basic), VS Code, Laragon, Figma, WordPress, Cliently.
- **Languages:** Spanish (Native), English (Intermediate - B1).

PROFESSIONAL EXPERIENCE

QUALITZER SPA | Chile (Remote) **QA Automation & Web Developer** | July 2023 – Present

- **Key Achievement (Automation):** Developed and implemented Python Web Scraping scripts for massive vehicle data collection, **increasing daily processing volume by 150%** (scaling from 80 to over 200 records per day) compared to the previous manual process.
- Developed and maintained the frontend for a Project Management ERP, optimizing the UI/UX for efficient quote management.
- Implemented report automation using **JSReport**, enabling bulk data export with custom filters and dynamic templates, significantly reducing manual operational load.
- Executed integration testing and Quality Assurance (QA) on new features, ensuring system stability and data integrity for AI-driven processes.

TECNIQUE SPA | Chile (Remote) **Content Manager & QA Support** | January 2023 – June 2023

- Managed and optimized web content for various digital portals, ensuring quality standards and SEO compliance.
- Performed Quality Assurance (QA) on online publications and provided technical support for digital campaigns to maximize conversion rates.

FEATURED PROJECTS

- **Automation Scripts (Python/Selenium):** Backend solutions for web scraping and automated bulk data upload/download, streamlining manual workflows.
- **Replika.cl (E-commerce):** Frontend development specialized in 3D printing services, focused on sales conversion and effective digital presence.
- **Passosatenciosos.pt (Healthcare Sector):** Web development focused on functionality and accessibility for home care and orthopedic services.
- **Liquor Inventory System:** Frontend development for "Inversiones Prospero Rivera" with integrated inventory management.

EDUCATION

- **Systems Engineering** | Instituto Universitario Politécnico "Santiago Mariño", Maturín.
 - *Degree Completed (5-year program).*

CERTIFICATIONS

- Full Web Development with JavaScript, HTML, CSS, Bootstrap (Udemy).
- Web Design with WordPress (Udemy).