

# SERGIO MERCADO GALARZA

Systems Engineer - Web Developer - English B2

---

[Linkedin](#) | [Github](#) | [Portfolio](#) | [draquiao@gmail.com](mailto:draquiao@gmail.com) | +591 76316027 | Bolivia, Tarija

## PROFESSIONAL PROFILE

System Engineer with B2 level in English. I focus on full stack web development based on principles of clean code development, S.O.L.I.D. and object-oriented programming (OOP). I have been focusing as a Full-Stack developer for 1 and a half years..

## EDUCATION

**Systems Engineering - Domingo Savio Private University.**

2016 - 2021

**English B2 - Bolivian American Center (CBA).**

2017 - 2019

**Development Courses - Udemy**

2021 - 2025

## WORK EXPERIENCE

**RithmXO - Junior Backend Developer. October 2024 – Present**

I have developed features, contributed to the codebase, fixed bugs, and refactored C# code for the main project, collaborating with both the Latin American and U.S. teams. I have used tools such as Docker, SQL Server and MySQL, and written unit tests for both new and existing functionalities.

**Technologies:** C#, .NET Core, SignalR, Angular, SQL Server, MySQL, Docker, Git y Github.

**Freelance Web Developer. 2023 - Present. (Occasional)**

I have developed numerous static and dynamic websites for various clients, including landing pages built with Next.js and Astro to leverage Server Side Rendering and its SEO benefits. I have implemented API and WebSocket integrations using Node.js with React and Next.js, and have worked extensively with libraries such as Tailwind, Redux, Zustand, Sass, as well as typed languages like TypeScript.

**Technologies:** HTML5, CSS3, JavaScript, React, Next, TypeScript, Tailwind, Sass, Node, Express, MongoDB and MySQL.

## JOB SKILLS

- **Frontend:** HTML, CSS, Javascript, React, Typescript, NextJS, Astro and Angular.
- **Backend:** .Net Core (C#), Python, Php, NodeJs and Spring Boot (Java) .
- **Database:** MySQL, SQL server and MongoDB.
- **Testing:** Cypress, Jest, Vitest and React Testing Library.
- **Other tools:** SEO, Git, Github, Figma & Docker.
- **CMS:** Wordpress and vBulletin.

## PROJECTS

- [Weather](#).- It's an online platform that provides updated weather information, built with [NextJS](#) and [Tailwind](#) for agile navigation and intuitive design.
- [DownloadVideos](#).- An application that allows you to download videos from Youtube and TikTok simply by entering the corresponding URL. It's developed with [React](#), [TypeScript](#), and [Sass](#) for a smooth and customizable user experience.
- [CV Generator](#) – A web application that allows users to quickly and efficiently generate ATS-friendly résumés. Built using Next.js and Zustand.
- [QRGenerator](#).- A web tool that enables the creation of QR codes for URLs, texts, Wi-Fi configurations, calls, and more. Developed using [React](#), [Redux](#), and [Sass](#), it ensures a smooth and customizable user experience.
- [Chat MVC](#).- It is an MVC project with .NET Core and SignalR for a real-time chat with Rooms and Dockerized.
- [MovieBackend](#).- Backend made with .NET Core, N layer architecture and different design patterns, it has a Movie, Category, Actor and Review table, with one to many and many to many relationships, among other things.
- [BlogBackend](#).- Complete system for managing a blog made with C#, .NET Core, layered architecture, design patterns, JWT for authorization and authentication, FluentValidation for DTO validations, Email Services for Auth, Image upload, injection dependencies, etc.
- [See more projects in the Portfolio](#).