

Alfonso Suarez

Backend Engineer | alfonso@alfosua.com | +58 424 9274197 | github.com/alfosua | alfosua.com | Venezuela

Professional Summary

Highly-independent backend engineer with over 5 years of experience with a proven ability to bridge the gap between engineering and management roles in my daily work activity. Experienced in integrating third-party, proprietary software to ensure high-availability on low-connectivity and hardware-constrained environments. Currently, I balance my full-time professional career alongside my pursuit for an engineering degree in one of the most prestigious universities of my country. Thanks to my work experience in the years prior to college, I offer my knowledge to my classmates through courses officially issued by my university.

Skills

Languages TypeScript · Python · C# · Go · Zig

Databases PostgreSQL · Redis · SQL Server

Web Frameworks Next.js · ASP.NET Core · Django

Platforms Azure · Firebase · Docker

Experience

Backend Engineer - ASP Consulting S.A.

Software Factory for LATAM Small Businesses

March 2022 - Present

- Worked with multiple teams to deliver scalable apps for small businesses, serving tens and hundreds of users.
- Provided strategic guidance to technical leadership, optimizing project management and engineering workflows.
- Engineered massive data integrations between external proprietary systems with our products.
- Designed, deployed, and maintained robust cloud infrastructure on Azure, maximizing efficiency and scalability.
- Optimized applications to run on offline-first, local environments with embedded devices like Raspberry Pis.

Backend Engineer - Leberp Core Spain S.L.

ERP System for Retailers in Spain

November 2020 - January 2022

- Worked with a small team to create an ERP software for Chinese retailers in Spain from scratch.
- Developed robust, scalable RESTful APIs using ASP.NET Core and Azure Functions, alongside EF Core.
- Implemented distributed data pipelines with SQL Server, Redis, and Azure Service Bus for data integrations.

Personal Projects

Core LLM Utility (CLU) - <https://github.com/alfosua/clu>

A programmatic and embeddable AI agent for the operating system following the Unix Philosophy of composable software.

SQLFace - <https://github.com/alfosua/sqlface>

An experimental development kit and application design for SQL-based web interfaces written in C# and TypeScript.

Reeler - <https://github.com/alfosua/reeler>

A fully-usable Android application for downloading video and images from social media posts like Instagram written in Kotlin.

Education

Engineer's degree in Computer Engineering

Universidad Católica Andres Bello, Venezuela

2024 - Present (estimated, 2030)