

PAUL E. SANCHEZ C.

Computer Engineer Software developer

Montreal, QC

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Demonstrated Skills

- C#
- Javascript
- Typescript
- Sql
- Rust
- Bash
- Html5
- Css, Scss
- Xamarin
- .NET
- Node
- Express
- Blazor
- Maui
- Angular
- Rocket
- Azure Cloud Services
- Versio Control
- Docker
- Restful Api
- GraphQL
- gRPC
- Queues

Interested

- Go
- Python
- Php
- Ruby
- React
- C
- C++

Education

Computer Engineer Universidad Rafael Urdaneta.

Maracaibo, Zulia, Venezuela.

Professional History

Fullstack Developer 2022 - Current

IA Groupe Financier: Service plan and Dealerships divisions (Simultaneously)

- Lead designer of a new set of software services,
- Architect and software developer of all backend with .NET 6,
- Infrastructure as code templating design with Terraform,
- Frontend integration of services all with Angular,
- Migrated legacy code from web forms to .NET6, and Angular,
- Designed new relational databases,
- Developed a search and solutions engine to optimize performance in Rust, running in Angular,
- Generated performance testing,
- Designed, Architected and developed, mobile applications for the company's clients and their customers, and for servicers hired to perform tasks on behalf of the company with Maui,
- Source code documentation,

Expertise & Experience

- Design of distributed system and micro services architecture,
- Relational Database Design with performance and optimiation,
- Backend design for multi-client support,
- Web apis restful and graphql,
- Realtime connectivity with signalR,
- End to end testability,
- Adaptability on role to perform backend or frontend,
- Translating businees needs and requirements into software,
- Performance Testing and health checks,
- Code documentation,
- Azure devops, version control, CI/CD pipelines and Infrastructure as code
- Scripts to automate needs,

Job Interest Characteristics

- 100% Remote work oportunities
- Self managed schedule

Languages

Spanish, English, French.

Portfolio

<https://paulesanchezc.ca/Portfolio>

Bon Appetit

Restaurant dine-in reservation management applications.

- .Net 6, Blazor, Maui, EFcore, Microservices, Queues,
- Bon Apetit Manager, is the application to be used for restaurants to manage their reservations.

Money Saver

Personal budget mobile application

- Node, Typescript, Sequelize, .Net6, Maui, Microservices,
- Backend is ts-node, express with typescript, and microservices architecture,
- Frontend is a Maui Application with .Net6.

AutoSeller

Used vehicle retail web

- Monolithic Design with .Net 6, C#,
- Frontend is a monolithic MVC application with custom CSS, Javascript and AJAX calls,
- Backend is a monolithic web Api.

Typescript CLI Tool

Ts-node, express, sequelize, boilerplate code generator

- Shell Bash,
- Designed to automate the generation of models, services, controllers, and routers, files, for a clean structure of a backend service with Node, Typescript, and Express.

External Logger

Rust program created to add a level of extraction to logging data

- A basic design that could be built upon to have many different types of sinks and http calls with the pertinent data.

Supply Locker

Program to keep track of home supplies; quantity, location, and date bought.

- Rust Rocket web restful api, simple and useful.

Funfolio

Mini-map awareness : Rust

Space Invaders : Rust

Snake : Rust

Flappy : Javascript, Html, Css