Hey, this is
Sergio Márquez

"

I'm a digital all-rounder. No matter what's the challenge, I'll make my own to create a suitable solution.

Specialization makes you highly opinionated among the adversity, yet a fresh approach will convert obstacles into learning curves.

Because at the end, it's every decision I take, whether good or bad, that will always get added up to

My EXPERIENCE

Patterson

Patterson Agency is a Palma-based creative-and-technology consultancy that brands itself as a "co-pilot," blending strategy, design, marketing and full-stack engineering to deliver 360° digital-transformation projects for clients across Spain and wider Europe

I participated in the development and maintenance of an internal UI component library of a top brand in the tourism industry, as well as the definition and extension of the base architecture for newer projects.

Among the projects I've made part from this particular customer (both backoffice oriented), I would highlight the migration of a customer management project, the development of a resort management project starting from the base architecture we defined and technical workshops for company employees.

I also was part of the creation of another backoffice website focused in invoicing for a customer in the hotelier sector, using primarily Vue with an integration with Vuex. Furthermore I actively participated in the creation of the new website for Patterson Travel. This is a front office website used for marketing purposes and I was responsible of the booking engine. We use Nuxt for this project that features a static generation of pages allowing the website to achieve high performance rankings and better positioning.

Resources

🔗 https://patterson.agency

🔗 https://patterson.travel

Coara

Coara is a hybrid digital-product studio and agency: it not only supplies outsourced engineering teams for clients, but also spins up and grows its own in-house porjects, helping European founders and corporations design, build and scale SaaS platforms and other digital products.

I was the lead backend engineer for Convercus, a Munich-based SaaS loyalty engine that lets retailers spin up omnichannel points-and-coupon royalty programs through easy-to-integrate APIs, backed by real-time analytics for stronger customer retention. At the core, I was responsible to fine-tune the backend and Kafka to process thousands of requests per minute while ensuring low latency. I also took the technical lead for the data migration for the onboarding of Intersport Austria and Germany into the platform.

The other project I got involved was PlanM8, a mobile and web-based maintenance management app designed for yachts and other types of vessels. It allows engineers, captains and owners schedule manufacturer-recommended tasks, log service history and keep manuals and spares in one place—helping vessels stay compliant, reliable and ready to sail.
I was responsible for defining the architecture from scratch, using NestJS and NATS, keeping it for an offline-first experience.

Resources

🔗 https://www.convercus.com 🔗 https://coara.co/

🔗 https://planm8.io/

AiFlow

AiFlow is a Norwegian SaaS CRM platform, built in Bergen by Salire AS, that targets small businesses with an all-in-one, browser-based toolkit for sales pipeline, customer support, task management, reporting and e-mail/Brønnøysund-registry integrations—giving SMEs a simple way to manage the full customer journey without heavy training or setup

Specific to the nature of a startup, I was assisting with different positions in the company, from design, frontend, product definition, infrastructure or backend, the goal was to tune the product to meet rapidly-changing market expectations and priorities.

From my work there, I could highlight several achievements such as the implementation of Atlas Search for advanced search patterns and to provide functionality to a state-of-the-art task management which was in turn leveraging the facets feature.

Also handled the integration of EmailEngine to replace the faulty in-house IMAP syncing logic solution, which was a critical functionality for customers.

Lead the infrastructure migration of the AWS EKS cluster region from eu-west-1 to eu-north-1 using Terraform as IaC, and later also adopted WAF.

Resources

🔗 https://aiflowcrm.no/

MiPigu

My constant motivation to learn and take part of technical challenges pushed me to freelance by my own for various international customers, thus being able to participate in a high variety of project with very interesting tech stacks, primarily highlighting:

The creation of a front-office website made in React for a business in the catering industry based in CDMX for the promotion and information of their catering services. The project also involved the redesign of corporate image, which was part of the identity of the new page we made.

Development of an e-commerce based in Prestashop for a local business in the jewelry and watchmaking industry, besides from the creation of a native app to buy customized wood watches, made in React Native and deployed to the Play Store and App Store.

Development of an internal management application for a local company in the legal and taxation industry. The mission for the application was to be used for the whole company as a feasible substitution to all processes that still required the use of physical paper, being allowed to also gain a higher analytical overview. The tech stack included Vue with Nest.js, deployed to an AWS VPS.

Resources

🔗 https://tiapali.com.mx   🔗 https://mirofernando.com

🔗 https://grupox3.es

My SKILLSET

" Use the right tool,
for the right job "

Languages
Typescript, Javascript, Java, Python

Server
NestJS, Springboot, NodeJS, GraphQL, RabbitMQ, Kafka

Frontend
Angular, React, Vue, Nuxt.js, Vite, Tailwind

Database
MongoDB, MySQL, PostgreSQL, SQLite, Redis

Infra
AWS, k8s, Helm, Terraform, Elasticsearch, OAuth2

Video
DaVinci Resolve, Final Cut Pro, After Effects, DJI M4P

Low Code / No Code
n8n, FlutterFlow, Bubble, Prestashop, Dropsource

Design
Figma, Sketch

Currently available for

partial time

(80h) dedication

Breaking the ✨ abastraction

sergio@mipigu.com