Miguel Ángel Careaga Gómez

Engineer passionate about automation and process optimization. My goal is to find fast, scalable, and efficient solutions without sacrificing visual design, balancing high-performance engineering with premium user experiences.

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RELEVANT EXPERIENCE

Product Engineer & Founder · Indie Hacking / Open Source
2023 - Present

- **Uno Mas Sushi (2025):** Created the #1 native mobile app for sushi lovers, integrating Google Maps, Gamification, and Payments (Google Pay).
- **Fiancely (2023):** We architected and launched a B2B SaaS for event management, optimizing workflows for wedding planners.
- **Open Source:** Author of `ngx-custom-modal` and `ngx-flatpickr-wrapper` libraries, adopted by the Angular community to solve UI architecture problems.
- Developed **Fluxscript** extension, allowing developers to inject custom scripts at runtime.

Full Stack Developer & Consultant · Freelance (Codemach · Estrada Technology)
2020 - Present

- Design and implementation of **microservices architectures** using gRPC, Vue 3, MongoDB, Redis, and Golang for scalable systems.
- Development of **hybrid mobile applications** cross-platform with Angular and Ionic for iOS and Android.
- Implementation of **continuous integration and DevOps** using Angular, Spring Boot, Thymeleaf, Node, Java, and Jenkins.
- Migration and refactoring of **legacy systems** to modern architectures using Docker and Openshift.

Tech Lead & System Architect · Piratrack
2020 - Present

- Designed a **real-time price monitoring** architecture capable of processing +100k daily products with high availability.
- Migrated legacy Node.js system to **Go (Golang) microservices**, increasing throughput by 300% and reducing cloud costs.
- Implemented orchestration with **Kubernetes (K8s)** and efficient service-to-service communication via gRPC.
- Led technical decisions on scalability, distributed caching (Redis), and data persistence.

Lead Full Stack Developer · Nutrality
2021 - 2022

- We developed a comprehensive platform (Web + Mobile App) for the digitalization of nutritional clinics.
- We implemented automated nutritional calculation algorithms and digital medical record generation.
- We integrated payment gateways (**Stripe**) for health professionals' subscription management.
- We coordinated hybrid mobile app deployment on iOS and Android using Ionic Framework.

Middleware Consultant · Nuuptech
2018 - 2023

- Lead design and implementation of enterprise solutions for public and private sectors
- Optimized and modernized infrastructure via container migration using Docker and Openshift
- Managed and administered Openshift clusters to ensure high availability and performance
- Developed enterprise web applications using Angular, Spring Boot, Thymeleaf, and Java

Web Developer · Instituto Tecnológico de Toluca
2017 - 2018

- Developed innovative web system for book localization in library using Angular, PHP, and MySQL
- Implemented Java web application for access control and user registration in library
- Optimized library processes through automated technological solutions

SKILLS

Programming Languages
TypeScript · JavaScript · Golang · Java · Kotlin

Libraries & Frameworks
Vue 3 · Angular · Ionic · Spring Boot · Thymeleaf

Tools & Platforms
Google Cloud Platform · Firebase · Docker · Kubernetes · Jenkins

SELECTED PROJECTS

Uno Mas Sushi

The #1 App for sushi lovers. Gamification of the buffet experience allowing piece tracking, real-time friend competition, and global ranking domination.

Piratrack

Cloud-native price monitoring system processing millions of products daily, helping both individual buyers and businesses find the best deals in real-time.

Fiancely

Comprehensive event management platform that simplifies planning, organization, and execution of any type of event, from weddings to corporate events.

Nutrality

Comprehensive software that modernizes and digitizes the professional practice of nutritionists, dietitians, and fitness coaches.

EDUCATION

Autonomous University of the State of Mexico
Software Engineering

CBT Lic. Julian Diaz Arias
Computer Technician

INTERESTS

Software Architecture, Open Source, Technical Mentorship, Artificial Intelligence, Digital Product Design