

# Enrique Carrasco Contreras

## Software Engineer · .NET & Cloud Architecture

EU citizen · Remote · Spanish (native), English (professional)

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Sixteen years of .NET and cloud architecture, most of it spent making systems that already existed faster, cheaper or safer to change. Now does the same for how teams ship with AI agents.

### SELECTED IMPACT

- Cut a full invoice run for an ERP vendor's largest customer from roughly 48 hours to under an hour, up to 53x on the most critical operations.
- Migrated 15 services from .NET 8 to .NET 10 in under 24 hours, in parallel, with agents writing and running the tests.
- Cut a proptech business's infrastructure costs 10x, moving its whole estate off bare metal onto AWS and Azure.
- Held a platform up through a national TV campaign on a show watched by 2.5 to 2.9 million people. No outage.

### EXPERIENCE

#### Zartis Spain, S.L.U.

01/2022 - 07/2026

##### Principal Software Engineer — *Payments / fintech*

- Built a greenfield payments platform for a regulated business starting from nothing.
- Made it API-driven, taking the per-customer integration cost off the business.
- Gave the architecture team build-or-buy calls backed by working code: parallel agents build a throwaway proof of concept for each option.
- Got pull requests to one-pass human approval with a ticket orchestrator that loops adversarial security, architecture and QA reviews.

##### Lead .NET Performance Consultant — *ERP and field-service software*

- Cut a 48-hour invoice run to under an hour: benchmarked each wave to find what actually hurt, then re-architected a synchronous batch into chunked async work that scales out.

##### Core Team Software Engineer — *Price-comparison marketplace*

- Opened the platform to three external companies by replacing its home-grown authentication with a standards-based identity provider.
- Containerised the platform onto a developer's machine, taking a new engineer from weeks to minutes.

#### Solera, Inc.

12/2020 - 01/2022

##### Technical Lead — *Automotive / insurtech*

- Took architecture ownership weeks after joining, when the architect left mid-delivery, and led the split of a monolith into services.
- Kept an eight-person team together through delivery by auditing every profile against KPIs and re-levelling three engineers to their real work.
- Mentored all eight, and ran the Architect and Tech Lead interviews.

#### Plain Concepts

07/2019 - 11/2020

##### Backend Engineer — *Data / enterprise software*

- Built the business's first single source of truth for master data, as a greenfield REST API.

#### Noteges Consulting S.L.

03/2016 - 07/2019

##### Software Architect — *Real estate / proptech*

- Cut infrastructure costs 10x by rebuilding a bare-metal monolith as cloud-native microservices across AWS and Azure.
- Cut hardware costs 3x with a database profiling audit that the whole service split was then planned from.
- Owned the shared core layer the new services were built on, around 30 packages.
- Benchmarked the platform to its real ceiling and sized it for a national TV campaign it then carried without an outage.
- Turned the support department into the company's QA function, and showed them how to plan and run their own testing.

#### Everis, Canon, and earlier roles

2010 - 2016

- Full-stack .NET developer and functional analyst, ending as the technical reference on a team of around 10.

### INDEPENDENT WORK & VENTURES

#### Software Consultant (independent)

05/2013 - 11/2021

##### Independent Consultant and Founder

- Built a COPD treatment-adherence app that turns the daily breath test into a game, so patients repeat a reading they would otherwise skip.
- Determined for a civil court whether one product derived from another, auditing a CRM and around 15 surrounding applications.
- Built an academy's virtual campus and put its course sales online for the first time.
- Ran lean-startup validation for founders, testing an idea for 20x less than building an unvalidated one.
- Assessed senior engineering candidates on .NET, architecture and DevOps for the companies hiring them.

#### BeYourSoft S.L.

07/2014 - 09/2017

##### Founding Partner and Head of Engineering

- Sold short web and mobile engagements to local companies, and set what the engineering side delivered.
- Funded its own product bets from that revenue: a card game taken to market, and a working personal-finance app.

Founding Partner

- Co-founded an academy that became profitable and ran around four years, owning every technology decision and its digital acquisition.

SKILLS

CORE

C#

.NET

.NET Framework

ASP.NET Core

REST APIs

EF Core

SQL Server

Redis

AI

Multi-agent orchestration

LLM-as-judge

Context engineering

Harness engineering

MCP

Claude Code

GitHub Copilot

Red teaming

ARCHITECTURE

Microservices

Clean Architecture

Distributed Systems

Event-driven messaging

Azure Service Bus

RabbitMQ

Legacy modernisation

OIDC

OWASP

CLOUD AND DELIVERY

Azure

AWS

Docker

Kubernetes

Terraform

Helm

CI/CD

GitHub Actions

OpenTelemetry

LEADERSHIP

Architecture ownership

Technical leadership

Mentoring

Hiring

Cost optimisation

ALSO WORKED WITH

Angular

TypeScript

React

Blazor

EDUCATION & CERTIFICATION

|                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Master's-level degree in Computer Engineering (EQF level 7) — University of Seville | Zartis NeXtgineer Training Program, Claude Code — Zartis, an Anthropic partner, 2026 |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|