

Borja González Enríquez

Software Architect and Senior Full-Stack Developer

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Profile

Software engineer with over eight years building web, mobile and real-time communication products. I own the architecture of the products and projects in my area: microservices with Spring Boot and Node.js, CQRS, asynchronous messaging and Angular frontends. I design systems with a low initial cost that scale horizontally as the product grows, validate them with load testing and wire them into automated CI/CD pipelines. Currently extending my profile towards generative AI: LLMs, transformer fine-tuning and agents.

Experience

Software Architect (Senior Developer)

Imatia Innovation · Vigo, Spain

Dec 2021 – present

- Define and build the architecture of the products and projects in my area, and advise other teams in the company on design, scalability and technology decisions.
- Design microservice architectures with Spring Boot and Node.js, the CQRS pattern and asynchronous communication through message brokers (RabbitMQ, Kafka), built to start cheap and scale horizontally: more than 20 services in production.
- Make load testing a mandatory gate before production: every architecture is validated with thousands of concurrent users.
- Drive the full path from development to CI/CD on Docker Swarm and Kubernetes: deployments went from manual and occasional to automated, several per week, and repetitive internal processes were automated.
- Flagship product: a platform with a high-load backend, Angular frontend, WebRTC video calls over an SFU and Android/iOS apps built with Ionic, Flutter and React Native (Expo), used daily by thousands of users.
- Set the technical standard that new projects in the area follow: clean architecture, CQRS, asynchronous messaging and automated testing.

Software Developer

Imatia Innovation · Vigo, Spain

Jan 2019 – Nov 2021

- Full-stack development of web products and applications for the public sector with Spring Boot, Node.js and Angular, and of hybrid mobile apps with Ionic.
- Growing involvement in the technical design of projects, the basis for the architecture responsibility taken on later.

Technical skills

Backend

Java Spring Boot Node.js Microservices
CQRS REST SOAP RabbitMQ Kafka
WebRTC (SFU) GraalVM

Frontend

Angular TypeScript React HTML/CSS
Vite Webpack Esbuild Leaflet

Mobile

Ionic Flutter React Native (Expo)
Android (Kotlin)

Data

PostgreSQL Oracle MariaDB/MySQL
NoSQL ELK

DevOps

Docker (Swarm) Kubernetes CI/CD
Load testing Git SVN AWS

AI

LLMs Transformer fine-tuning RAG
AI agents LangChain LangGraph
Vercel AI SDK Python PyTorch

Other languages

Rust C/C++ C# Python

Education

Coursework toward a B.Eng. in Telecommunications Engineering

University of Vigo

Foundations of networks, systems, signal processing and programming.

Developer Intern (FEUGA grant)

Imatia Innovation · Vigo, Spain

Sep 2018 – Jan 2019

- Built a web application for the public sector with Java, Spring Framework and JSF (PrimeFaces).

Open source projects

spring-boot-cqrs

Java 21, Spring Boot 3 and 4, RabbitMQ, Kafka, GraalVM

CQRS library published on Maven Central: command, event and query buses, middleware pipeline, distributed adapters for RabbitMQ and Kafka, GraalVM native support and 100 % test coverage.

spring-boot-specification-repository

Java 21, Spring Data JPA, Spring Boot 3 and 4

Query library for Spring Data JPA with a fluent DSL, correlated subqueries, aggregate projections and field whitelisting to expose queries safely through APIs.

ssvault.io

Astro, Preact, TypeScript, WebAssembly

Open source credential generator with no backend: local derivation with Argon2id and HKDF inside a Web Worker, never persisting secrets.

Certifications

Generative AI Engineering with LLMs

2026 – in progress

IBM Specialization on Coursera, 4 of 7 courses completed

- Generative AI and LLMs: Architecture and Data Preparation · Jun 2026
- Gen AI Foundational Models for NLP & Language Understanding · Jun 2026
- Generative AI Language Modeling with Transformers · Jul 2026
- Generative AI Engineering and Fine-Tuning Transformers · Aug 2026

IBM RAG and Agentic AI

2026 – in progress

IBM Professional Certificate on Coursera (10 courses, since Sep 2026): RAG, vector databases, LangChain, LangGraph, MCP

Languages

Spanish native



Galician native



English intermediate



Courses

Complete Rust language course

Udemy · 2024

Kubernetes and Docker on AWS

Udemy · 2023

Angular: The Complete Guide

Udemy · 2019

Hibernate and Java Spring

Platzi · 2019

MySQL: database design, programming and administration (53 h)

University of Vigo · 2015

How my work splits

