

# RAMÓN GÓMEZ

Düsseldorf, Germany  
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**PERSONA** | Always heedful to embrace challenges as opportunities to learn and thrive. I understand the need of others and can communicate ideas, information and emotions, clearly.

Driven by a strong interest in developing and optimising server-side functionality and an enthusiasm for Data and System Architecture - What can we not build? Let's build it together.

Multifaceted within many hobbies, being specialty coffee making, the main one at present.

You can read a more cheerful version of this CV through here – <https://ramongomez.xyz/career/resume/>.

## **PROJECTS** | **EVENTLY** PRESENT

Experimental environment where I build an Event Management system within .NET Core as a Modular Monolith (with eventual migration to Microservices), following the Design principles of Clean Architecture (CA) and Domain Driven Design (DDD) - <https://github.com/rgomezr/Evently>.

## **CLOCKINGAPP** PRESENT

Experimental environment where I use new tech tools on and apply various software patterns (Built to ease clocking experience when WFH) - <https://github.com/rgomezr/ClockingApp>

## **PRODUCTIVE DAYS AHEAD** PRESENT

Documenting my own journey towards realistic productivity and wellbeing in the form of a Newsletter - <https://productivedaysahead.substack.com/>.

## **BLOG** PRESENT

<https://ramongomez.xyz>.

## **MULTI CONTAINER DEPLOYMENT** 2024

Experimental environment for deploying a multi-container app through GH Actions CI/CD into AWS EB and ECS - <https://github.com/rgomezr/multi-docker>.

## **DEEP LEARNING TECHNIQUES APPLIED TO NON-DESTRUCTIVE PREDICTION OF FOOD QUALITY PARAMETERS**

2020

A MLP and a Convolutional NN were built to accurately classify Iberian hams' salt penetration level during their healing period - Project documentation available on request.

### **EXPERIENCE | MID-LEVEL ENGINEER @ EXITEX LTD**

2021-2024 (REMOTE)

- System Architecture Design and Implementation for the following:
  - **ERP API Integrations (C# within .NET Core, JS, SQL)**
    - External Carrier's APIs – Automating shipments creation within carrier's service for efficient packaging and dispatching within Company's warehouses.
    - Ocean Cargo APIs – Updating ETAs from inbound shipments through their cargo container.
  - **Customs Internal Workflows (C# within .NET Core, JS, SQL)**
    - Creation of multi-component app that maps outbound shipments into Customs Declarations (Irish Exports and UK Imports) based on Customs' Legislation rules.
    - Data Analysis and creation of Data Cleaning Plans to improve data robustness for a simplified backend's business logic and assure Customs compliance.
- Management of Computer Science Students.

### **JUNIOR ENGINEER @ EXITEX LTD**

2020-2021 (DUNDALK, IRELAND)

Improvement of various legacy systems by refactoring its stack with the objective of reducing technical debt.

### **SKILLS | Tech**

- System Architecture Design.
- Data Structures & Algorithms.
- Backend: C#, C++, Java, JS, SQL, ExpressJS, Python, Relational (SQL) and Document-based (MongoDB) data model DBs.
- Frontend: JS, HTML, CSS, jQuery.
- Containerisation & Orchestration: Docker, Docker-Compose & K8s.
- ML & DL: MLP, CNN and Hyperparameter Tuning & Optimisation.
- CI/CD.

## Soft

- Adaptable & Coachable.
- Team Player.
- Time & Resource Manager.
- Resilient.

**EDUCATION** | **BSC (HONS) IN COMPUTING IN SOFTWARE DEVELOPMENT**  
DUNDALK INSTITUTE OF TECHNOLOGY (DKIT), DUNDALK,  
IRELAND

2019 (ERASMUS+ PROGRAMME)

### **SOFTWARE ENGINEERING**

UNIVERSITY OF EXTREMADURA, CÁCERES, SPAIN

2015-2019

**COURSES & CERTIFICATIONS** | **MODULAR MONOLITH ARCHITECTURE**  
PRESENT

MILAN JOVANOVIĆ & TEACHABLE – [Course Details](#).

### **DOCKER & KUBERNETES, COMPLETE GUIDE**

PRESENT

STEPHEN GRIDER & UDEMY – [Course Details](#).

### **CUSTOMS COMPLIANCE & TRADE FACILITATION**

SOUTH EAST TECHNOLOGICAL UNIVERSITY (SETU) AND GLOBAL  
TRADE - [Certification Details](#).

### **CONVOLUTIONAL NEURAL NETWORKS**

DEEPLARNING.AI & COURSERA - [Certification Details](#).

### **IMPROVING DEEP NEURAL NETWORKS: HYPER-PARAMETER TUNING, REGULARISATION AND OPTIMISATION**

DEEPLARNING.AI & COURSERA - [Certification Details](#).

### **NEURAL NETWORKS AND DEEP LEARNING**

DEEPLARNING.AI & COURSERA - [Certification Details](#).

### **INTERACTIVITY WITH JS**

UNIVERSITY OF MICHIGAN & COURSERA - [Certification Details](#).

**LANGUAGES** | **SPANISH, NATIVE**  
**ENGLISH, C2**  
**GERMAN, A2-B1**