

# Manuel Gomez Candelas

Junior Data Engineer and Cloud enthusiast

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Recent graduate in **Multiplatform Applications Development (DAM)** and **Computer Engineering** student (distance-learning), with a strong interest in **Big Data, Cloud, DevOps** and distributed systems.

I am motivated by facing technical challenges and solving problems and I am seeking an opportunity to apply my software development expertise.

## Education

### Bachelor's Degree in Computer Engineering

Expected: **Spring 2027**

UCAM - Universidad Catolica de Murcia

- Pursuing an online degree with the objective of balancing academic progress alongside my professional career.

### Higher Technical Degree in Multiplatform Software Development (Grado Superior DAM) 2023 - 2025

IES Doctor Balmis

Alicante, Spain

- Back-end development with Java/Spring Boot and Android applications with Kotlin. Expertise with other tools such as Linux, Docker, MongoDB, MySQL and web development.

## Work Experience

### Data Engineer & Analytics Intern

Mar - Jun 2025

DXC Technology

Alicante, Spain

- Completed a **data engineering bootcamp** with modules on SQL, data modeling, data architecture, and data visualization with Power BI.
- Developed a modular ELT pipeline that processes over **960,000** records using **DLT** (Python) for ingestion and staged processing in **PostgreSQL** schemas (bronze/silver/gold).
- Applied data modeling and cleansing with **DBT**, enabling robust and maintainable transformations.

### Crew Member

Jun 2023 - Nov 2024

McDonald's

Alicante, Spain

- Improved my **teamwork skills** and my ability to work effectively under pressure in a fast-paced environment.
- Gained valuable experience in customer service and problem solving.

## Projects

### Second-hand Marketplace Platform

Spring Boot, Spring Security, Redis, H2, MVC Architecture

Developed a **full-stack web application** for buying and selling second-hand items, focusing on security and session management.

- Built a robust back-end with **Spring Boot** and implemented secure user authentication using **Spring Security** and session management via **Redis**.
- Followed an **MVC architecture**, with a front-end developed in Thymeleaf and HTML/CSS.
- Enabled secure user registration and product listing functionalities, ensuring a smooth and scalable user experience.

## Skills

**Programming:** Python, Java, Kotlin, JavaScript, C#

**Frameworks and Libraries:** Spring Boot, FastAPI, Pandas, NumPy

**DevOps and Infrastructure:** Git, Docker, AWS, Linux, CI/CD

**Data Engineering / Databases:** SQL/NoSQL, MongoDB, PostgreSQL, Oracle, DBT, ETL/ELT, Data Warehousing and Data Modelling

**Languages:** Spanish (Native), English (Advanced), Catalan (Advanced)

## Certifications and Achievements

- **Microsoft Azure Fundamentals AZ-900** (2023)
- Actively preparing for AWS certifications.