

# Francisco Pérez

BACKEND SOFTWARE DEVELOPER

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## SKILLS

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- Java; C# .NET; Python; SQL; No-SQL
- PostgreSQL; MongoDB; Spring; Spring Boot; Junit; Git; Docker; Nginx; gRPC; Celery; Redis; REST; fastAPI; Swagger
- React; Blazor; Distributed systems; Microservices architecture
- English, Spanish, French – all professional proficiency or above

## EMPLOYMENT

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**Java Product Developer** **TELEFÓNICA TECH** October 2023 - current

- Software development in a DDD architecture using Java.
- Keeping up to date all the different requirements and new features regarding *Sandas GRC* (Governance, Risk, and Compliance) platform.

**Software Developer** **IDENER** January 2023 – October 2023

- Design, implement, and maintain multiple backend components part of European Research & Innovation projects. These projects consist of complex (**distributed system** approach) interconnected modules usually exposed via API **REST** interfaces or **gRPC**.
- Design and Develop **SQL** database (**PostgreSQL** mainly) architectures ensuring optimal data modeling and efficient query performance.
- Development of **.NET** and **Python** microservices as well as full-stack applications.

**Graduate Software Developer** **SOLERA** August 2022 - January 2023

- Implementing the backend solution into owned B2B applications with Spring Boot and other custom frameworks, using **Java 8/11** and **Spring Boot** framework. Also, web API projects in **.NET (C#)**
- Integrations between internal and external services using **REST** API.
- Writing automation unit tests using **JUnit**.

**Application Support Specialist** **AXIANS – European Commission** August 2021 – August 2022

European Commission: Directorate General for Health and Food Safety. Application Support Agent in Unit E4

- Data entry and overview-supervision of the Public European Database.
- Support to Regulatory Affairs Specialists and Member States.
- Acceptance testing of new versions/deployments (PPPAMS app) of applications.

**Agricultural Engineer** **ECOCERT / AGRAMA** January 2018 – August 2021

During my former career experience, I've worked as organic food inspector (ECOCERT) and as agronomic consultant specialist (AGRAMA Labs).

## EDUCATION

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|--|------------------------------|-------------|
| • Degree in Computer Science Engineering               | <b>UNED</b>                  | Current     |
| • Higher Technician in Development of web Applications | <b>CESUR</b>                 | 2020 - 2022 |
| • Degree in Agricultural Engineering                   | <b>University of Seville</b> | 2013 - 2017 |

## PROYECTS

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- **EU MRLs API** (2022) public RESTful API that delivers the EU MRLs (Maximum Residue Levels) in food, with data automatically updated daily (Python, fastAPI, Nginx). [Link](#) to RapidAPI web.

## OTHER

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- **ITIL**® Foundation Certificate in IT Service Management (13/02/2022)
- Preparing for official Java 11 certification: ORACLE, 1Z0-819 exam