# CURRICULUM VITAE

## NET & T-SQL Developer

## Personal Details:

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## Programming Knowledge:

- **C#**

    - **.Net Core** latest versions
    - **.Net Framework** all versions
    - **Entiyframework**, both data-first and code-first
    - **ADO**, data access
    - **Razor** and **Blazor**

- **SQL**

    - **TSQL** for Microsoft Sql Server
    - **PSQL** for Oracle
    - **SQL** for IBM Db2
    - **SQL** for MySQL

- **Front Languages**

    - Javascript
    - JQuery
    - Ajax
    - HTML
    - CSS3

- **Cloud**

    - **Azure** and **DevOps**
    - **AWS** Amazon Web Services

- **Backend Development**

    - **APIS** creation
    - **RESTFUL** architecture
    - HTTP/HTTPS protocols
    - **JSON/XML** data handling
    - **OAuth** authentication and **JWT**

- **Design Patterns and Architectures**

    - **MVC**
    - **MVVM**
    - **Microservices** architecture
    - Repository pattern
    - Singleton pattern
    - Factory pattern

# Professional Experience as Developer:

| Indra Software Labs. | Inditex | From May 2023 to May 2025. |
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| Consulting | Textile company | - Development of new functionalities in a WPF accounting application. Composed for backend with web services and API, front-end with a desktop application and several Windows services.<br><br>- Maintenance of **IBM DB2** databases, **IBM AS400** and **SAP** systems.<br><br>- I work with .**NET Framework 4.8** and internal management applications developed in **.NET Core 8**.<br><br>100% remote.<br><br>Technologies:<br><br>• **C#**<br>• **DevOps**<br>• **Jira**<br>• **Github**<br>• **WPF**<br>• **IBM DB2**<br>• **IBM AS400**<br>• **IBM SAP**<br>• **Webservices**<br>• **Api**<br>• **Grafana** |

| Grupo Marzo | Atresmedia | From May 2022 to May 2023. |
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| Consulting | Audiovisual | - Development of new functionalities in a **WPF** application for the management of advertising space purchases.<br><br>- Complete development of functionality for reading Excel and Pdf documents, based on **JSON** templates, capable of transforming heterogeneous documents in records for requests for advertising space.<br><br>- Participation in management system based on **.NET Core 7** with **Api minim**al and front with **blazor** and **Telerik** controls, both in wpf and web.<br><br>Technologies:<br><br>• **C#**<br>• **DevOps**<br>• **WPF**<br>• **Telerik Controls**<br>• **Blazor**<br>• **API Rest**<br>• **API Minimal**<br>• **NHibernate**<br>• **Oracle Server** |

| Digital 55 | Gea (Germany) | From May 2021 to May 2022 |
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| Software | Industrial Processes | - Development of SSO API (Single Sign-On) in .NET Core 5, based in OAUTH 2.0 and JWT, on Azure.<br><br>- Development of REST API in .NET Core 5 using SSO for user management, on Azure.<br><br>- Development of a REST API in .NET Core 5, using SSO for industrial processes in various departments in Germany.<br><br>- Refactoring of a REST API in .NET Framework 4.7 using SSO for industrial processes, in Azure.<br><br>- Collaboration on a REST API in .NET Core 6 for reading Siemens S7 PLC and SQL Server.<br><br>100% remote<br><br>Technologies:<br><br>- **C#**<br>- **Azure**<br>- **DevOps**<br>- **API REST**<br>- **Entity Framework Core 5**<br>- **EF 6 Framework 4.7**<br>- **SQL Server** |

| Capital Energy | Capital Energy | From September 2020 to May 2021. |
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| Electric Distributor | Electric Distributor | - Development of **API** in a central **middleware** between platforms and databases in **AWS**, interacting with **Aurora DB**, **SalesForce**, **Dynamics**, **Nemon** and **Presence**.<br><br>- Continuous delivery with **Jenkins** and **Docker**.<br><br>100% remote<br><br>Technologies:<br><br>- **C#**<br>- **MVC**<br>- **Amazon Web Services**<br>- **API REST y SOAP**<br>- **SQL**<br>- **MS Dynamics, SalesForce, Nemon y Presence**<br>- **Git Flow** |

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| **Ivnosys**<br><br>Software | **Ivnosys**<br><br>Software | From November 2019 to April 2020.<br><br>- Tracking HTML code and downloading **Official Notifications** from electronic sites.<br><br>- Development of "connectors" to read HTML, with **login** by **Cl@ve** or **Digital Certificate**.<br><br>- Creation of **WPF MVVM FW 4.7.2** against WebService for analyzing captured traces.<br><br>Technologies:<br><br>• **C# / VB**<br>• **WPF**<br>• **MVVM**<br>• **Webservices**<br>• **TSQL** |
| **Ibermática**<br><br>Consulting | **Valora Prevención**<br><br>Occupational Risks | From March 2019 to November 2019.<br><br>- Development of **ASP.NET Core 3.0 MVC** against REST Api.<br><br>- Development of **WPF FW 4.7.1 MVVM** against REST Api.<br><br>Technologies:<br><br>• **C#**<br>• **ASP.NET Core**<br>• **MVC y MVVM**<br>• **WPF**<br>• **Razor y Bootstrap**<br>• **Api Rest**<br>• **Oracle (PL-Sql)** |
| **Tragsatec**<br><br>Consulting | **Júcar River Basin Authorirty**<br><br>Ministry of Agriculture | From March 2018 to March 2019.<br><br>- Integration of specific functionalities for processing by the **Júcar River Basin Authority** into the national application.<br><br>- Web services and **secure data warehouses** for **Public Administration**.<br><br>- Development of **plugins for Office** 2016 using **VSTO projects**.<br><br>Technologies:<br><br>• **C#**<br>• **ADO.NET**<br>• **Access / VBA**<br>• **EntityFramewor**<br>• **Webservices** |

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| **Isaval**<br><br>Chermical Industry | **Isaval**<br><br>Chermical Industry | From December 2017 to March 2018.<br><br>- WPF Desktop Applications in C# using **NHibernate** against SQL Server.<br><br>- Development of web application with C#, MVC, Razor, Bootstrap and EntityFramework data.<br><br>Technologies:<br><br>- **C#**<br>- **WPF**<br>- **MVVM y MVC**<br>- **Unity y Prism**<br>- **NHibernate**<br>- **Razor**<br>- **Bootstap**<br>- **EntidyFramework** |

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| **Marina D'Or**<br><br>Tourism | **Marina D'Or**<br><br>Tourism | From January 2017 to December 2017.<br><br>- Desktop Applications against Web Server.<br><br>- Development of web application for internal audits.<br><br>Technologies:<br><br>- **C#**<br>- **MVC 4**<br>- **Razor**<br>- **WebServices**<br>- **Entity Framework**<br>- **Mustache** templates(MIT liscense) |

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| **Quodem**<br><br>Software | **Quodem**<br><br>Software | From July 2016 to January 2017.<br><br>- BACKEND and FRONT programmer for applications for international medical companies, **in English**.<br><br>- Development with external login system.<br><br>- **Phonegap** IOS app maintenance, on Mac.<br><br>Technologies:<br><br>- **C#**<br>- **Javascript** with **JQuery** and **Ajax/JSON**<br>- **WebServices / WebApis**<br>- **Entity Framework**<br>- **Hibernate**<br>- **Cordova**<br>- **IOS/Android en MAC** |

| **Excelia** Consulting | **Dragados ACS** Building Company | From September 2015 to July 2016.<br><br>- Development of intranet functionalities for document management against **SQL Server** and **Sharepoint**.<br><br>- Development of timed console application for updating **Sharepoint** spaces.<br><br>- Development of a **webservice** that centralizes printed **Crystal Reports** documents.<br><br>Technologies:<br><br>• **Visual Basic.NET** FW 3 and FW 4.5<br>• **HTML5+CSS3**<br>• **Javascript** with **JSON**<br>• **ASP** y **ASP.NET**<br>• WCF **WebServices** against **SQL Server**.<br>• **Entity Framework** (**LINQ**)<br>• **SharePoint** from .NET using the library Microsoft.Sharepoint.Client.dll.<br>• **Crystal Reports XI** y **XII** |
| | **AllFunds Bank** Fondos Inversión | - Two months as second programmer for supporting to first programmer..<br>- Development of new software for intranet, maintenance of existing previous software and user support.<br><br>Technologies:<br><br>• **Visual Basic .NET**<br>• **SQL Server**<br>• **Access** |

For some years I was programming apps on-demand for Windows Desktop, and also Android Apps in freelance mode, from 1998 to December 2015.  Next I will explain my latest applications:

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| **Remapu 2.0** | VB.NET and MySQL. Application to define the processes in a metal parts polishing factory, warehouse management and billing. |
| **WhereIsMyCardParked 1.0** | Java Android and SQLite. In 2013. Mobile app that remembers where a vehicle has been parked. |
| **OTYSA 3.0** | VB.NET and MySQL. In 2012. Application to control the shipments of a transport company, billing, payment to carriers, etc. |
| **Rest. Castelló 2.0** | VB, NET and MySQL. In 2010. Application to control building restoration operations, warehouse control, employee control. budget generation, billing, etc. |
| **Federación Boxeo GVA.** | VB 6.0 and Access. In 2008. Application to manage affiliates in a federation. Issuance of official notebooks, etc. |
| **VideoCadena Rados** | VB 6.0 and Access. In 2007. Application to manage rental movie orders and internal distribution through the video club network. |