

DAMIAN CAPDEVILA

[in LinkedIn](#) | [GitHub](#) | [Blog](#) | [+34 673478270](#) | [Madrid, ES](#) | [damian.capdevila@hotmail.com](#)

Skills

- Presales | Technical Consultancy | Technical Sales | Conference Speaking | Professional English | Native Spanish
- C# | .NET | REST API | WPF | Blazor | MVVM | Unity Container | Nunit | Python | Streamlit | Industrial Automation | PLC | HMI
- Docker | Git | Azure | Refactoring Legacy Systems | Code Reviewing | Azure DevOps | Agile Software Development | Testing

Experience

Presales Software Engineer

Siemens

Madrid, Spain

11/2022 - Current

- Drove success of a multi-billion project by achieving **100% faster machine-machine communication**, providing **engineering consultancy** for the world's largest battery production project, during a trip to **South Korea**. (PLC programming, TIA Portal, Profinet).
- Collected **over thirty business leads**, while overseeing the exhibition of a standardization use case in [Hannover Messe](#).
- Led **design and development** of an enterprise-grade application used worldwide across 150 factories by an automotive brand. **Saved ~80k Euros quarterly by speeding up the SDLC a 400%**. (C#, .NET Framework 4.8, MVVM, WPF, Unity Container for DI).
- Held a presentation for **80 people** at the yearly Siemens Technical Consultants Global Conference, sharing my knowledge as SME in [TIA Portal Openness API](#).
- Delivered **10+ features** in 2 months for a **RAG AI assistant**. The assistant saves **~60k Euros in operation costs monthly**, as it makes the department's work faster. (C#, .NET 8, MVVM, RAG, WPF, NUnit, Azure OpenAi Studio). **Now migrating to Streamlit with Python**.

Application Engineer

Siemens

Plzen, Czech Republic

07/2020 - 11/2022

- Generated **~100k Euros**, solving **support requests** and providing **presales consultancy** to Siemens' branches **worldwide**.
- Created a [motion control application example](#) with technical manual and its promotion material. **Hit over 11k views**.
- Coordinated the creation of a Motion Control **Web-Based training**, acting as a **SME** and **curating** the material.

Service Engineer

Siemens

La Plata, Argentina

05/2019 - 07/2020

- Managed **tens of contractors** from other companies, ensuring **quality and timeliness** of their work, adding to TecPlata's success.
- Worked for [TecPlata](#). **Saved the company ~150k USD** by cutting downtimes during ship load/unload operations.

Doctoral Researcher

UNLP

La Plata, Argentina

05/2018 - 05/2019

- Published [Wearable platform for Human-Machine interfaces](#). Hardware and Software design (C#, Altium Designer) (2019).

Software Engineer

A.R.G SRL

La Plata, Argentina

10/2017 - 05/2018

- Designed and programmed a desktop app for **real time waste treatment management** of **1000+ hospitals** for [VEOLIA](#). Project revenue surpassed **100k USD**. (VB.NET + WinForms + Microsoft SQL).

Education

Master of Engineering (Electronics)

UNLP

La Plata, Argentina

03/2012 - 10/2017

- [Thesis in Brain-Computer interfaces](#), based on Stationary-state visually-evoked potentials.

Courses

- Microsoft Applied Skills: Develop an ASP.NET Core web app that consumes an API – [Credential here](#)
- University of Michigan: Web Application Technologies and Django – [Credential here](#)
- University of Michigan: Python for Everybody Specialization – [Credential here](#)