

David Lorenzo López

AI & Automation Architect at Prodware

★ Microsoft MVP · Copilot Studio

🗣️ International Speaker · Microsoft community

🔗 Power Platform Ninja · Blog



AI agents with Copilot Studio, automation with Power Platform, and cloud architecture on Azure and .NET.

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About

I'm a **Microsoft MVP for Copilot Studio**, an International Speaker and the author of Power Platform Ninja, where I share hands-on patterns for Copilot Studio, Power Automate and Dataverse.

I've spent 15+ years building software across the Microsoft ecosystem: I started out running Windows infrastructure, grew into a **.NET** developer and went on to design cloud architectures on **Azure** (Logic Apps, Functions, Service Bus, Event Grid) for high-concurrency platforms. Today I combine that engineering background with generative AI and **Power Platform**.

I care about measurable performance, leading technical teams and explaining technology clearly, both on stage and in writing.

LANGUAGES

Spanish
Native

English
Professional working proficiency



Interactive version
davidlorenzo.website/en

Experience

Jul 2022 – Present
4 yrs 4 mos

AI & Automation Architect

Prodware Spain MICROSOFT CONSULTING

- AI and automation solution architecture on Power Platform and Azure, from requirements gathering to delivery, for public-sector and enterprise projects.
- Power Platform · Dataverse · Power Apps (model-driven) · Dataverse plugins (C#) · Web resources · Azure Functions · Azure Queue Storage · ASP.NET Core Web API · Azure Integration
- Gathered requirements and designed the architecture of the **EU Funds Management System** for Spain's **Ministry of Economy**.
 - Designed and built **Web APIs** backed by an **event queue** system.
 - Data synchronisation with **Azure Queue Storage + Azure Functions ↔ Dataverse**.
 - Designed and implemented **data integration architectures on Azure**.
 - Built **Power Platform** components: **plugins**, **web resources** and **model-driven pages**.
 - Researched new and existing technologies to meet business needs: **prototypes**, design documents and solution designs.

Dec 2019 – Jun 2022
2 yrs 7 mos

Cloud Developer & Web Manager

TECH Technological University Tenerife, Spain EDUCATION

Cloud architecture and development on Azure and .NET for the web platform of an international online university, leading a team of up to 5 people.

Azure Logic Apps · Azure Functions · Azure Service Bus · Azure Event Grid · Azure WebJobs · Azure Cache for Redis · ASP.NET Core · .NET Core Web API · SQL Server · NuGet · Cloudflare · webpack

- Designed the architecture of techtitude.com: **ASP.NET Core + Razor, Web API, Redis** and in-memory caching, event queues and background cache-refresh processes.
- Event-driven architecture with **Event Grid + Service Bus + Logic Apps + Functions** to process high-concurrency web notifications, offloading HTTP requests from the APIs.
- Automated reporting and scheduled data synchronisation with **Logic Apps, WebJobs** and **Azure Functions** across multiple endpoints and APIs.
- **Core Web Vitals** optimisation: total load time from **14 s to 2.5 s** while keeping 100% of the functionality. Migrated Angular to ASP.NET Core + Razor, built a custom caching middleware (extending `ResponseCacheMiddleware`) with in-memory cache and Redis failover, tuned **SQL Server** procedures using execution plans and indexes, and split per-page bundles with webpack. Lighthouse **100/100** on desktop and **80+** on mobile.
- Led a team of up to **5 people** (developers, designers and QA): planning, code reviews and production deployments.
- Internal **NuGet** packages with a private feed to share models across projects.
- **Cloudflare** integration: CDN, API-driven cache rules and Workers running at the edge.

Aug 2012 – Nov 2019
7 yrs 4 mos

Software Developer · IT Lead

Canarias.com · Viajes Niza Adeje, Tenerife TOURISM

Booking engine and travel e-commerce platforms on .NET and SQL Server, coordinating a team of 3 developers and 1 designer.

C# · .NET Core · .NET Framework · ASP.NET Web API · Entity Framework Core · SQL Server · MongoDB · SOAP / XML · React · GraphQL

- New version of the booking engine: **.NET Core 2.2 + MongoDB** API integrated with the **Booking.com** API for hotel availability and Hotel + X packages, with a layered architecture (repository / service) and caching.
- Search experience built with **React + Relay + GraphQL**.
- Hotel booking engine in **.NET** integrating tour operators via **SOAP / XML**, plus XML / JSON integrations with car rental, hotel and insurance providers.
- **Web APIs** on .NET Framework and .NET Core over **SQL Server 2008 / 2012 / 2016** (stored procedures and functions) using **Entity Framework / EF Core**.
- Back-office applications in **C#** (invoicing, reporting) and travel portals: rentacar.canarias.com, tenerifecarhire.com, viajar.net, tenerifecar.com, nizarent.com, holidaycar.com and tenerife.com.
- E-commerce with a management intranet and iOS / Android apps backed by an in-house API.
- Coordinated a team of **3 developers and 1 designer**: task assignment, goals and deployment oversight.

Sept 2011 – Jul 2012
11 mos

IT Support Technician

Vodafone Santa Cruz de Tenerife TELECOMMUNICATIONS

Support, maintenance and roll-out of Windows workstations and corporate applications.

Mar 2010 – Aug 2011
1 yr 6 mos

Systems Administration & IT Support

Compusof · Tohqi Europa · ORSODIS · Galileo Ingeniería Tenerife VARIOUS

Early years running Windows and Linux networks, Active Directory and databases, alongside my first Java and web projects.

Contract projects

Independent work delivered for clients, separate from my employment history.

ITB · INSPECCIONES
TÉCNICAS DE BARCOS

Ship technical inspection platform

Cross-platform solution (web back office + offline-capable Android app) to manage technical inspections, hosted on Azure.

- API and back office on **.NET Framework / ASP.NET MVC** following **Domain-Driven Design**, over **SQL Server**.
- **Xamarin.Android** app with interactive maps, a custom events calendar and tabbed forms.
- Offline-first sync: an Android service pushes and pulls data from the API as soon as Wi-Fi is available.
- Hosted on **Azure**: 2 App Services + SQL Server database.

[.NET Framework](#) · [ASP.NET MVC](#) · [ASP.NET Web API](#) · [Xamarin.Android](#) · [SQL Server](#) · [Azure App Service](#) · [DDD](#)

TRAVEL INDUSTRY ·
TENERIFE

White-label excursions extranet

B2B platform to sell excursions with online payments and white-label storefronts for affiliates and agencies.

- Website on **ASP.NET Core + Razor** and API on **.NET Core** over **SQL Server**.
- Integrations with the Loro Parque API and the **Redsys** payment gateway.
- White-label generation so affiliates and agencies can sell under their own brand.

[ASP.NET Core](#) · [ASP.NET Core Web API](#) · [Razor](#) · [SQL Server](#) · [Redsys](#) · [REST APIs](#)

ITVBARATA.COM

Vehicle inspection (ITV) booking

Public appointment booking site plus an intranet to manage bookings and pricing, hosted on Azure.

- **ASP.NET Core 2.1** application with a public booking site and an intranet for bookings and pricing.
- Hosted on **Azure App Service** with a **SQL Server** database on Azure.

[ASP.NET Core](#) · [Razor](#) · [SQL Server](#) · [Azure App Service](#) · [Azure SQL](#)

SEVERAL CLIENTS

Websites, online stores and intranets

Corporate portals, e-commerce and custom booking intranets built on CMSs and PHP frameworks.

Microsoft certifications

Synced daily from my Microsoft Learn profile.

8 certifications | 2 Applied Skills | 8 exams passed | 131 modules | 20 learning paths | 103 training hours

 **EXPERT**

Agentic AI Business Solutions Architect Expert

AB-100 Jan 2026

 **ASSOCIATE**

Fabric Data Engineer Associate

DP-700 Nov 2025

 **ASSOCIATE**

Fabric Analytics Engineer Associate

DP-600 Dec 2024

 **ASSOCIATE**

Power Platform Developer Associate

PL-400 Jan 2024

 **EXPERT**

Power Platform Solution Architect Expert

PL-600 Jan 2024

 **ASSOCIATE**

Power Platform Functional Consultant Associate

PL-200 Jun 2025

 **ASSOCIATE**

Azure AI Engineer Associate

AI-102 Jun 2024

 **FUNDAMENTALS**

Azure Fundamentals

AZ-900 Oct 2019



Create and manage canvas apps with Power Apps
Jan 2025



Create and manage automated processes by using Power Automate
Jan 2025

[Verify on Microsoft Learn](#)

Speaking

International Speaker at 40 events and communities since 2023.



EVENTS

Aug 2026	Singapore Microsoft Azure, M365 & Power Platform	Jun 2026	European Power Platform Conference (EPPC26) Copenhagen, Denmark
Apr 2026	Agent Camp 2026 Málaga, Spain	Mar 2026	Canadian Power Platform Summit 2026 Vancouver, Canada
Mar 2026	DynamicsCon Regional: Pacific Northwest 2026 Vancouver, Canada	Mar 2026	AgentCamp 2026: Agentes para el beneficio de la sociedad
Mar 2026	AgentCamp 2026 - Milan - Winter Edition	Feb 2026	Global Power Platform Bootcamp 2026

Skills

● AI & POWER PLATFORM

Copilot Studio · Agent flows · Power Automate · Power Apps · Dataverse

● AZURE

Logic Apps · Azure Functions · Service Bus · Event Grid · App Service · WebJobs · Azure SQL · Azure Cache for Redis · Static Web Apps

.NET

C# · .NET / .NET Core · ASP.NET Core MVC & Razor · ASP.NET Web API · Entity Framework Core · Xamarin · NuGet

DATA

SQL Server (T-SQL & tuning) · MongoDB · MySQL · Redis

WEB & PERFORMANCE

JavaScript · React · GraphQL · Angular · webpack · Core Web Vitals · Cloudflare

LEADERSHIP

Team leadership · Solution architecture · Technical evangelism · Code review

Education & awards

EDUCATION

Sept 2010 – Jan 2015
BSc in Computer Engineering
Universitat Oberta de Catalunya (UOC) · Barcelona · online

Sept 2008 – Jun 2010
Higher National Diploma in IT Systems Administration
IES César Manrique · Santa Cruz de Tenerife

AWARDS

Microsoft Most Valuable Professional (MVP)
Copilot Studio · Microsoft