

Daniel Adrian Mazzini Vidal

PERSONAL INFORMATION

Name Daniel Adrián
Last Name Mazzini Vidal
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SKILLS AND COMPETENCIES

Teamwork in multicultural environments.
Communication of ideas at various levels.
Coordinate and manage people, projects, and budgets.
Organized, self-motivated, and disciplined.

WORK EXPERIENCE

From	Feb/2022 – actualidad
Employer	DHL Supply Chain Service (DSCS)
Position and activities	Digital Twins. Developed an application visualized like a video game to depict warehouse operations. <ul style="list-style-type: none">- Backplane for event dispatch using SignalR.- Entity Framework interceptor for change auditing.- Implemented the Transactional Outbox pattern to ensure message delivery.- Implemented user revocation process using integration events, Azure Service Bus, Azure Functions, and Azure Logic Apps.- Secure storage of configuration values in Azure Key Vault.
	Simulations: Application to adjust warehouse variables (equipment, shifts, workload, etc.) to predict workload and resource requirements. <ul style="list-style-type: none">- Blazor server-side application with SyncFusion controls.
	DSCS Core Microservices and Reusable Projects: <ul style="list-style-type: none">- Typed distributed cache library based on Redis.- Functional programming support library (Maybe, Result, Try, Either).- Resilient messaging library for Azure Service Bus and IBM MQ Series using CloudEvents format.- Microservices for Facilities and Customers with CQRS.- Vertical Slice architecture microservices for Regions, Units of Measure, Project Header, and Statement of Work.
From	Jul/2021 – Nov/2021
Employer	VCF - Timberland
Position and activities	Architecture for Timberland's second-hand project through its partner ReCircled. <ul style="list-style-type: none">- Microservices architecture to build an online store with

- features tailored to recycled product sales.
- Clean Architecture with integration events.
- CosmosDB database and Transactional Outbox pattern for message delivery.
- Azure Function with ChangeFeed trigger to process Outbox messages and send them securely to Azure Service Bus.
- Azure Functions for topic subscription event synchronization.
- Pipelines in Azure DevOps and internal packages in Azure Artifacts.
- Deployment using Docker Containers.

From Nov/2020 – Jun/2021
 Employer Microsoft Consulting Service for Asisa
 Position and activities Migrating from Backend in Cobol to dotnet core with Kubernetes

- Integrate the Raincode product into API calls.
- Code generator using Roslyn to create Web API, contracts, mappers, commands, and Mediator command handlers from Cobol online processes.
- Custom serializer replacing IBM's serializer.
- Plugins for batch processes like email handling.

From Jun/2020 – Oct/2020
 Employer Balantia
 Position and activities

- Migrated millions of records to a cloud platform.
- Distributed workload across multiple queue processors using Azure Storage Account queues with a sharding key.

From Jun/2017 – May/2020
 Employer Freelance para Microsoft Consulting Service
 Position and activities Software Architect for e-sports platform:

- Developed APIs, backend, backoffice, and supported the mobile team for FIFA.
- Push notifications for football match events worldwide, including the FIFA World Cup.
- "Man of the Match" and "The Best" voting systems.
- Data storage in Table Storage, Blob Storage, and DocDB.
- Service separation using Queue Storage, Event Hub, and event streaming.
- Serverless architecture with Azure Functions.
- Authentication with Azure B2C.
- Timer-triggered Azure Logic Apps.
- Secure configuration value storage in Azure Key Vault.

Similar projects for clients like La Liga and Real Madrid.

All work was remote, with physical meetings every four months at Microsoft's Madrid office.

From Sep/2015 a Jun/17

Employer Freelance para Altran
 Position and activities Development of AXA Drive 2.0 application to track routes and offer bonuses for safe driving behaviors.

- Backend and back-office architecture development.
- Scoring system for insured clients.
- Push notifications for user engagement.

From Nov/2012 – Sep/2015
 Employer Freelance para Tokiota
 Position and activities Software Architect and Quality Testing:

- SPA development with KnockoutJS, jQuery, KendoUI, and WebGL for Microsoft Consulting Services.
- Backend with Oracle Database.
- Support for various portal architectures.

European Architecture Team at Wolters Kluwer:

- PAAS architecture.
- Custom Identity Server based on Thinktecture's solution.
- Cache services and OData & Hypermedia integration.

Architect for "Sagrada Familia" Temple:

- Installed and customized ALM processes in TFS 2013.
- ESB with DDD & CQRS.
- SignalR-based notification system.
- NuGet server for internal project management.
- Continuous integration and deployment systems.

Architect for AXA International:

- Notification server using Redis and SignalR.

ERP for Ancert:

- Performance improvements in WPF screen loading.
- Continuous integration processes and deployments.
- Cache server with Redis.
- Observable objects and enhanced MVVM implementation.

From Nov/2006 – Nov/2012
 Employer Aventia Group (Renacimiento)
 Position and activities Software Architect, Scrum Master

- Developed distributed architectures (Enterprise Service Bus, CQRS, Domain Driven Design, in layers).
- Technical requirements capture and proposal drafting.
- Pre-sale development of products and projects.
- Train other developers in new technologies (Entity Framework, Solid Principles, NoSQL, Event Sourcing, Azure and BigData).
- Development of reusable development environment throughout the company by means of local distribution of Nuget packages.
- Creation of code generation tools and stored procedures through T4 templates.

- Establish rules and/or code nomenclature and distribute them among the team through StyleCop.
- Ensure the final quality of the product through different types of tests (unit and integration)

From Jun/2002 – Nov/2006
Employer Altran CIS
Position and activities Software Architect

- Developing layered architectures.
- Capturing technical requirements and writing proposals.
- Training/retraining other programmers in new technologies, especially those who came from environments such as COBOL to .Net
- Developing pre-sale products and projects.
- Establishing development bases and reusable libraries for different projects.
- Ensuring the final quality of the product.
- Participation in the community through events organized by Microsoft Ibérica.

From Feb/2002 – Jun/2002
Employer Rambla Informàtica
Position and activities Project Leader, Trainer

- Technical requirements capture and proposal drafting.
- Project management and developer training.
- Participation in the community through events organized by Microsoft Ibérica.
- Train development teams from other companies.

From Ago/2001 – Jan/2002
Employer Inmostreet
Position and activities Developer Sr
Developed a real estate portal.

EDUCATION

Pre First Certificate Sep 2002 – Jun 2023
Universitat de Barcelona, Spain

Systems analyst Mar/1988 – Mar/1991
Universidad de Morón. Buenos Aires, Argentina.

LANGUAGES

Spanish Native
English Intermediate. Level B1 Intermeadiate