



MAX

Maximiliano Aldunate ■

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Software Engineer

.NET Architect +10 years. ASP.NET MVC

Last 5 years Microservices Web Application with ESB, RabbitMQ and MongoDB

Languages C#, JavaScript, Python, Android, Java

Databases/ORMs: Oracle, SQL Server & MongoDB. NHibernate & Entity Framework.

Experience with: CSS-HTML, Angular, WebAPI, NodeJS, TFS/Git, Moq, NUnit, Win & Linux

Passion for code quality: TDD, Clean Code, Design Patterns, SOLID, CQRS

Online Courses: AWS, R Programming, Puppet, Ruby on Rails, Advance NET Threading,

Personal Info: Argentinian-Italian, 47 years old, married, two boys, 25 and 26 years old

EDUCATION ■

Computer Science Degree. 2005 - 2009

Open University of Catalonia. UOC. Universitat Oberta de Catalunya

EOI – Official School of Languages - Spain

Certificate in English. Intermediate B2 Level. 2011 - 2012

Griffith College Dublin

Business English Course – Ireland. 2013

National University of Tucuman

2 years of Economics. 2000 - 2002

National University of Technology

3 years Software Engineer. 1989 - 1993

LANGUAGES ■

Spanish native

Catalan spoken and written

English full professional proficiency



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WORK EXPERIENCE IN SPAIN ■
FROM 2002 ■



Enterprise Software Engineer at MRW

Oct-2009 – Present. 9 years

Logistics Management Web Application for 600 MRW's branch offices and logistic platforms, 4K users

- Microservices with Windows App Servers – C# .NET 4 and 4.5
- Communication with RabbitMQ & on premise ESB (Enterprise Service Bus)
- CQRS pattern implemented with MongoDB's replica-set and asynchronous views
- MongoDB with shards and replicas (9 servers)
- SQL Server + NHibernate for Reporting and Invoicing modules
- Web API RESTful Json
- Frontend SPA App with ASP.NET MVC & JavaScript
- Backoffice ASP.NET MVC + Angular
- Continuous Integration (CI) Python Scripts & TeamCity (Deploy & Run Unit Tests)
- Functional Testing with FitNesse
- Member of the Architecture Team
- Technical design of new features
- Develop key core components & infrastructure of the app
- Team Lead up to 10 developers

Online Shop for MRW

- ASP.NET
- MongoDB backed

Logistics-Enterprise Integration System

- WinForms Desktop App
- SOAP Web Services + FTP Integration/File Watcher
- MS SQL Server

CRM for all MRW branch offices

- WPF desktop app MVVM
- WCF Web Services + C#
- MS SQL Server



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Software Developer at Bilbomatica

May-2008 – May-2009. 1 year

- Traffic Fines Management Application for City Councils and “Diputació de Barcelona”
- C# + VB.Net against SQL Server, Oracle and DB2
- Mobile Apps with Windows CE



Software Developer at Siemens

Aug-2002 – Apr-2008. 6 years

- SEM. Sistema d'Emergències Mèdiques Catalunya
- High Available Emergency Management System. 061 phone calls
- Oracle Cluster 7/8/9 VB6, migration to Vb.NET and C#
- 24/7 Technical Support

SKILLS & EXPERTISE ■

Architecture & Enterprise Software

- SOA, CQRS, ESB, EIP, Design Patterns, Solid, MVC, IoC, MSMQ, RabbitMQ

Management

- Scrum, Kanban, Team Leader, DotProject/TFS/Git Issues

Databases

- Oracle, MS SQL Server, NHibernate, Entity Framework, NoSQL, MongoDB

Testing & Deployment

- Test Driven Development, DDD, MoQ, NUnit, Continuous Integration with TeamCity

Languages & Version Control

- C#, Python, C, Java, JavaScript, TFS, Git

Web Services

- RESTful APIs, JSON, WCF Services, SOAP, XML.

Feb – 2018



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LATEST TRAINING ■

AWS - Amazon Web Services Solutions Architect

- A Cloud Guru 2017-8
- Cloud Academy Labs

Docker, Vagrant and Puppet

- Linux Academy-2017

R Programming for Data Science

- Johns Hopkins University-2017

ASP.NET Core 1.0 Cross Platform

- Microsoft Virtual Academy-2017

Neo4j Graph Platform

- Pluralsight-2016

Advanced .NET Threading

- Microsoft Virtual Academy-2015

Demystifying LINQ

- Microsoft Virtual Academy-2015

Programming Mobile Application for Android Handheld Systems

- University of Maryland. Oct-2014

Data to Insight – Introduction to Big Data

- The University of Auckland. Mar-2014

Software as a Service. Ruby on Rails

- Berkeley. University of California. Aug-2013

Pattern-Oriented Software Architectures for Concurrent and Networked Software

- Vanderbilt University. Nashville. May-2013

Crafting Quality Code (Python)

- University of Toronto. Apr-2013

MongoDB DBA y Developer

- Official MongoDB. Dec-2012

WORK EXPERIENCE IN ARGENTINE ■

FROM 1992 TO 2002 ■

Computer Analyst and Programmer at Transporte Automotor 7 de Julio SA

Dec-1997 – Feb-2002. 4 years

- Functional analysis and programmer ERP. Visual Fox Pro

Freelance Programmer

Jan-1998 – Jan-2001. 3 years

- Visual Fox Pro 6, Windows NT, Novell Server, Users Training

Senior Programmer at Minera Alumbra Ltd

Mar-1994 – Dec-1997. 4 years

- Import Management App. Payment of custom duties. Oracle – O.Forms - PL/SQL

School Teacher at Copacabana Public School – Argentina

Mar-1992 – Nov-1997. 6 years

- Teaching Programming (Pascal y Cobol) in high school. Office Suites/Windows/DOS

Junior Programmer at San Patricio College – Argentina

Jun-1990 – Dec-1992. 2 years

- Software development with dBase III+ under DOS 3.30 and AS/400 + COBOL

Feb – 2018