**Pedro Manfredi**

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**Senior Technology professional, ENTREPRENEUR**

***Software Architecture ▪ Software Development▪ Technology Adoption and Evangelism***

**EXECUTIVE SUMMARY**

Hands-on technology professional with over 20 years’ experience with Software Architecture, Software Development, and Technology Adoption. Lead high-impact teams in all phases of software development life cycle, from architecture to development and implementation, with a commitment to increasing company success while ensuring customer satisfaction. Expertly developed and implemented programs and projects, building successful partnerships with key stakeholder that ultimately lead to successful accomplishments.

**CORE COMPETENCIES**

* Windows Server 2012, 2016
* Software Architecture Design
* SDLC expert – MSF master trainer
* Software developer
* Technology Evangelism
* Cross group collaboration
* Creative thinker
* Problem solver
* Business owner, entrepreneur.

**RECENT EMPLOYMENT EXPERIENCE**

Manfredi Pizza llc 2014-2021

**Business owner, entrepreneur**

110% Business growth.

Successfully managed all aspects of small business to achieve projected growth: business planning and processes, marketing, payroll and accounting, vendors, employee and customer satisfaction, quality, technology adoption (Vendor selection, hardware software acquisition, setup). In charge of whole IT Infra-structure: Network, Windows 10 PCs, Tablets, Notebooks, Printers, Payment Terminals, Windows Server (AD, DNS, DHCP), Web Server (Apache), Application Server (POS Server).

Hitachi CONSULTING, Seattle 2013-2014

**Software Architect**

Specialized Services

Designed and implemented diverse solutions:

* Windows 8 App Store Application – C#, MVVM, Dependency Injection, RESTFull Services, Telerik UI Controls.
* email subscription processing backend – SQL Server Broker distributed asynchronous messaging solution using C# and SQL Stored procedures
* Cloud based solution for large document repository – 50k documents library. Solution based on Azure, SharePoint 2012, SharePoint RESTFull services, ASP.NET AJAX, Telerik UI Controls.
  1. - In additional to design and coding, I was in charge of setup and maintenance of the whole Azure VM infrastructure for SharePoint and Web Role for ASP.NET solution.

Microsoft, Redmond 2011-2012

**Principal Software Architect**

Microsoft IT

In charge of devising the architecture for solutions used by internal product groups to release software to market. Responsible for the alignment of the division level solutions with the enterprise IT strategy.

* Assurance for proper solution alignment with corporate technical standards
* Propose and implement proof of concepts to validate the feasibility of new products, technologies and approaches:
* Designed and implemented a PoC to validate the feasibility to replace a custom internal solution with use of Windows High Performance Computing. Multi project Visual Studio solution comprising of:

- C/C++ MPI (Message Passing Interface) - Virus Scanning shell

- C/C++ MPI (Message Passing Interface) - SHA256 File Hash

- C# using Windows HPC scheduler API – Task Manager

- C# recursive decompression - 7Zip shell

- C# Load Testing

* PoC demonstrated the feasibility to replace a 400 server custom cluster solution with a more scalable, cost effective standard based approach using Windows HPC.
* Evangelization of novel technical approaches with developers.
* Design and implementation of HPC SOA cloud solution that scale to thousands of cores/millions of service calls per hour on a 200 server cluster:
  1. - C# project using Windows HPC SOA WCF web services

Microsoft, Redmond 2007-2011

**Senior Technology Evangelist**

Partner Technology adoption management – Global ISVs

Responsible for the establishment of trust relationships with Partner’s senior level technical decision makers to drive technology adoption of key Microsoft technologies. Responsible to drive high level software architecture discussions and manage resources to accelerate technology adoption.

* Lead the Windows HPC Server adoption with 12 managed partners over 3 years – this is usually UNIX shops unfriendly to Microsoft – 100% Windows HPC adoption.
* Influenced partners to adopt the Microsoft technology stack: Windows Server, SQL Server, SharePoint Server, Windows Azure, Windows Phone 7, Silverlight, .NET technologies.
* Contributed to the Windows HPC Server product quality and features.
* Lead the engagement with Microsoft EEC (Engineering Excellence Center) to create an offering for Windows HPC partners to test their solutions on a HPC lab.
* Technical content creation: articles, sample code; Speaker experience in conferences in Brazil, Latin America, US and Canada.
  1. - Developed and published Windows Phone 7 App – C#, XAML, LINQ, BING M APS services.

Microsoft, LATAM RHQ, Fort Lauderdale 2004-2007

**Architect Evangelist Lead – Program Manager**

Virtual team leader for 15 Architect Evangelist in the Field in Latin America

Leader and program manager for the Architecture Evangelism program in Latam. After pioneering a successful Architecture Evangelism program in Brazil I accepted the challenge to structure the same program for the whole region.

* Delivery of one of the most successful Architecture Evangelism programs in DPE WW.
* Highest WW NSAT score for the Architect audience: NSAT of 163 for FY06 in Latin America

Microsoft, Brazil HQ, Sao Paulo 2001-2004

**Architect Evangelist Lead**

Championed the Architect Evangelist program in Brazil

Senior technology professional recruited to structure the Architect Evangelism program in Brazil.

* Increased mind share of enterprise architects in large enterprises to help overcome objections to Microsoft in mission critical solutions.
* Lead the effort to profile key architects in large accounts: 1500+ professionals identified. This profile helped create an Architect program tailored for this audience. The program paved the way to provide quality touches through: councils, printed materials, and online content. The profiling was later used at the corp. level by the Practices and Patterns group.
* Planned, built, delivered and sustained a National Architect council meeting. Overall satisfaction with councils was frequently either good or very good.
* Created in partnership with Global Accounts, a local one-day .NET seminar to target primarily global and strategic accounts. Delivered 100+ .NET presentations to major accounts in Brazil and participated in many local events talking about .NET.

Microsoft, Brazil HQ, Sao Paulo 1996-2001

**Principal Consultant – Microsoft Consulting Services**

Very successful consulting career evolving from Consultant to Principal consultant

Responsible for large mission critical projects in mainstream corporations in Brazil; in charge of proposal development, architecture design, and project leadership for large strategic projects.

* Itaú Bank - re-design of ATM software from character mode MS-DOS into a 3-tier GUI browse based solution for 20.000 ATM machines.
* Anheuser-Busch InBev– 15.000 PDA – Sales Force Automation Project
* ABN AMRO Bank – Microsoft Money customization for retail bank. Managed the interaction between customer, partner and the PG to drive a successful product customization.
* Achieved ISO 9000 Certification for Microsoft Brazil. Leading a virtual team of 10 consultants and administrative staff, MCS Brazil obtained the ISO 9000 in 9 months.

**PREVIOUS EMPLOYMENT EXPERIENCE**

Microsoft, Brazil HQ, Sao Paulo 1992-1996

**Account Technical Specialist – Large Enterprises**

**Technical Support Engineer - specialized in development languages (C++, Fortran, Cobol, Basic)**

**EDUCATION AND PROFESSIONAL DEVELOPMENT**

**Bachelor of Science in Computer Science,** Universidade de Mogi Das Cruzes, São Paulo, Brazil

**Continuing Education – Quick MBA**, Fundação Don Cabral, São Paulo, Brazil

**LANGUAGES**

Native-**Portuguese; Fluent**-**English; Informal**-**Spanish**

**TECHNICAL ARTICLES, SAMPLE CODE**

* [Building a 32 cores, 16 nodes HOME HPC Cluster](https://windowshpcmachinations.blogspot.com/2013/01/building-32-cores-16-nodes-home-hpc.html)
* [Lottery MPI – an introductory HPC MPI sample program](http://code.msdn.microsoft.com/Lottery-MPI-an-introductory-5895f209/view/SourceCode) – C, PowerShell
* Distributed [Parallel](http://code.msdn.microsoft.com/Distributed-Parallel-15c5700a) [Recursive](http://code.msdn.microsoft.com/Distributed-Parallel-b03e948a) File Decompression Sample – C#
* Distributed Parallel Recursive File Decompression Sample - Windows [HPC](http://code.msdn.microsoft.com/Distributed-Parallel-15c5700a) SOA Model – C#, WCF Services
* Distributed Parallel Recursive File [Decompression](http://code.msdn.microsoft.com/Distributed-Parallel-fe54473a) Sample - C/C++ MPI version