

MARCELO GARAY

SOFTWARE ENGINEER / MBA

West Palm Beach, FL . (561) 344-7885 . marcelo_garay@hotmail.com

SUMMARY

Innovative IT professional offering vast experience leveraging software engineering and DevOps methodologies to deliver highly effective and creative solutions to business and technology challenges. Utilizes highly attuned analytical skills to develop IT and business strategies employing cutting-edge technologies to increase productivity. Consistently drives high standards of service through effective project management, communication, and strategic planning to develop and manage strong client relationships. Highly organized with strong capacity to prioritize workload, delegate deliverables, and steer project completion within established deadlines.

CORE COMPETENCIES

- Solutions Architecture
- Tech Lead
- Start-ups / Entrepreneurship
- Software Development / Engineering
- Team Building / Leadership
- Training & Mentoring
- Budget Management
- Outsourcing / Offshoring
- Business Solutions
- Process Optimization
- Project Management

WORK EXPERIENCE

Quantum LogiX, Inc.
West Palm Beach, FL
2014 – Present

Consultant / Owner

Senior Full Stack Software Architect and Developer with extensive experience in Microsoft Technologies working as an independent consultant. Provided solutions to a variety of companies' businesses and operational needs on multiple Industries.

- Performed user interviews and designed client screens using the Use-Case Driven Approach methodology. Also implemented software clients using XAML (WPF and Xamarin Forms) and C# for a company specialized in Home Security.
- Collaborated on the design and architecture of a contract management system for an Auto Financing Company using Domain-Driven design methodologies. Also implemented microservices in C# and .Net Core 3.1 running on containers in the

A-Med Healthcare
Huntington Beach, CA
2005 – 2014

Azure Cloud and designed and implemented the microservice's Relational Databases on SQL Server (Azure SQL DB).

- Implemented a large Report Server using SSRS and SSIS for an Auto Financing Company.

Senior Software Engineer

Responsible for software architecture, database design, and software development for all the company's internal operational systems.

- Continuous research and development based on every department's technology needs and interviews with Managers.
- A-Med's internal software systems include CRM, ERP, Order processing, Shipping (including integration with UPS, FedEx, and other carriers), Customer's Insurance, reporting, etc.
- Internal systems developed completely using Microsoft technologies, mainly .Net Framework (C#/VB.NET) and XAML (WPF) for the frontend.
- Backend business logic layer implemented completely using web services API.

Leverage Development
Culver City, CA
2003 – 2005

Senior Software Engineer

- Responsible for software development and database design for multiple customers.
- Developed web based and desktop applications using Microsoft Visual Studio and Microsoft SQL Server.

Revelex Corporation
Boca Raton, FL
2002 – 2003

Data Base Administrator (DBA)

Responsible for database design and extensive stored procedures coding. Assure optimal performance of the database servers on a 24/7 basis for the high-traffic internet applications, maintain test and production database environments, SQL Server jobs, back-ups, performance tuning, security, disaster recovery, store procedures, log shipping and replication.

- Managed several Windows servers running SQL Server databases online on a 24/7 basis.
- Created a web-based reporting system from scratch for the company's intranet using Crystal Reports and Seagate technology.

World Link Solutions
Manhattan, NY
2001 – 2002

Data Base Administrator (DBA)

Managed huge SQL Server databases running 24/7 on two Windows Advanced Servers in a Cluster Mode on a Storage Area Network (SAN) connected to the servers by Fiber-Channel.

- Maintained Test and Production database environments.
- Set up and maintain log shipping and replication between multiple servers.
- Conducted scheduled fail-over and disaster recovery tests.
- Responsible for set up and maintenance of SQL Server jobs and back-ups.
- Monitored database performance routinely utilizing SQL Profiler and Performance Monitor.
- Created and tested application developer's store procedures.

- Maintained security.
- Developed an Internal Revenue web site that is used by Sales Managers to monitor revenue. The site helped to boost revenue by 15% and cut loses drastically. It was created using Crystal Reports and Visual Basic running on MS IIS.

SKILLS

- 15+ years systems architecture (Object Oriented Design, Relational Database Modeling, Distributed Systems)
- 15+ years developing enterprise systems in .NET (C# and VB.NET)
- 15+ years designing and implementing relational databases using mainly SQL Server (and some Oracle experience)
- 15+ years integrating databases using SQL Service Integration Services SSIS
- 15+ years creating reports using SSRS Reporting Services
- 10+ years implementing REST APIs
- 10+ years implementing XAML frontends (WPF, Xamarin Forms)
- 4+ years working with Docker containers on Azure
- 4+ years working with Azure SQL DB, Azure Container Registry, Azure App Service, Azure Cognitive Services, Azure Virtual Networks, Storage Accounts, etc.
- 4+ years working with Agile methodologies (Kanban and SCRUM)
- 4+ years implementing unit and integration tests with Azure Pipelines (now working with GitHub Actions)
- 3+ years working on microservices using CQRS and Dapper (currently experimenting with micro front-ends using Blazor Webassembly).
- 3+ years working with RabbitMQ (for local dev-loop) and Azure Service Bus for production.
- 3+ years developing VoIP call center solutions with Asterisk PBX
- Some experience with web frontend technologies (Blazor, Typescript, Angular, HTML5, CSS)
- Some experience with NoSQL databases (MongoDB)

EDUCATION

University of Redlands
School of Business
2007 – 2009

• Master of Business Administration (MBA)

ORT University
1993 – 1998

• Bachelor's Degree in Computer Science (BS)