Marc J. Greenberg

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Objective: A position involved in business strategy and leadership at an organizational level; assuming responsibility as an agent of change through the application of architectural process. A significant contributor to increased efficiency and effectiveness through business and IT alignment and integration.

Primary Skills: architecture, development, management, business analysis & strategy

Executive Overview

A versatile, hands-on, Software Architect with diverse experiences initiating and delivering business focused technology.

- 20 years of responsibility for strategically significant initiatives
- Diverse background with a software industry focus
- Gifted in identifying clear, executable strategies from a multitude of complex and ambiguous sources
- Comfortable and experienced working at the CIO and CTO level as well as with all areas of business and IT

An Enterprise Architect

- Consistently delivering on agility in effective processes, systems and infrastructure
- Experienced directing architects, analysts and technologists in defining and achieving objectives
- Restructuring of processes and systems producing efficient and effective delivery of business functionality
- Balancing tactical imperatives with the strength of a strategic vision

Management

Experienced managing locally distributed and outsourced cross-functional teams.
Detail oriented with ability to stay focused in high stress environments; trained in relationship building, communications, and negotiation.

Key Competencies

Product Development, Enterprise Architecture, Architecture Review Board, Enterprise reorganization and integration, Service Oriented Architecture (SOA), Business Process Management (BPM), Enterprise Service Bus (ESB), Expert facilitation and presentation ability, developing communities, communication planning, Design Patterns, including Integration and ESB patterns, Agile and Scrum (scrum master).

PROFESSIONAL EXPERIENCE

September 2001 – November 2015, iWay Software, NY, NY   Chief Software Architect / VP
iWay Software® provides rapid integration solutions to new business challenges

Chief Software Architect, working under the divisional SVP, creating and driving the future vision of integration and data products.

Recent developments include cloud native implementations for the entire product portfolio. Tooling for I3 (Big Data from Information Builders), Egret a power tool for working with messy data, used to improve data consistency in the big data environment, Spog (Single Pane of Glass) Sentinel and Envoy, components to monitor and manage all for your application assets running in the enterprise environment, Data Governance Manager, and iWay Enable, a complex event processing product that is designed to provide Real-time, non-invasive visibility into automated business processes.

Responsible for the overall architecture of all iWay Software product offerings. Designed and implemented the company's Cloud, Web Services and Adapter strategies as well as product offerings.

Architected and implemented many aspects of iWay Software's flagship product, iWay Service Manager, a product defined for the SOA/ESB space.

Inventor of Record, US Patent no. 20050149941, Framework for adapter used in enterprise application integration.

Member of the senior management team with the primary responsibility of growing iWay Software® as the number one adapter vendor worldwide.

July 2000 – September 2001, Crossborder Exchange Corp., NY, NY   VP of Development

XBX is a global financial services start-up which offers information processing services for cross border settlement, a market that has grown explosively in the last decade leading to 1.5 million cross-border equity trades per day and $30 trillion traded per year..

Designed/Implemented the prototype core system in both C++ and Java. The core system is a message broker that processes SWIFT messages for Corporate Actions and Trade Settlement. The architecture integrates WinNT/Solaris, Oracle, IBM MQSeries(including MQSI, Neon, and Workflow), via XML based technologies.

Designed/Implemented the prototype core system in both C++ and Java.

Created a development plan for this organization, including physical infrastructure, process management, and baseline implementation of the core system

Established and executed a plan to grow the development organization three fold within three months. Personally interviewed all of the development staff.

August 1989 – July 2001, Information Builders, Inc. NY, NY   VP of Development

IBI is a privately owned software company currently employing over 2000 people worldwide, whose income of about 300 million dollars depends almost entirely on the products it sells, the most important of which are:

FOCUS A Fourth Generation Language that enables reporting for a wide range of computing environments. The current incarnation of this product, WebFOCUS is one of the leading web based reporting tools available today.

EDA/SQL or Enterprise Data Access, is a universal middleware technology, which provides a generic solution for heterogeneous data access across the enterprise.

1998 - 2000   Director of Research and Development

In my role as Director of Research and Development I focused on the development and architecture of IBI products on the Windows platform.

Perhaps one of the most interesting products that I designed and implemented was the IBI XML Connector Toolkit. This toolkit is a set of software components which combines an XML application server (used to implement SOAP Services), an XML Document Generator that creates XML documents by converting/reformatting SQL based result sets, as well as an XML/MQ Series based Message Exchange System (a message broker).

Additionally I serve as the Primary and Technical relationship owner for the Microsoft Certified Solution Provider Program (MCSP).

1997 - 1998   Technical Director, Data Warehousing Technologies

In my prior role as Director of Data Warehousing Technologies, I was responsible for development of the SmartMart™ product line, which is a set of tools that provides a complete Data Warehousing/Data Mart solution. Included in this product line are Meta-Data Management Tools, Data Modeling Tools, Enterprise Transfer/Transform Tools, Query Governing and Analysis Tools, as well as a multi dimensional database server.

1993 - 1997   Programming Manager

In my role as the programming manager and chief architect of EDA/PC development I managed a team of 15 developers who created and maintained both corporate connectivity as well as all client side software. I also served as the chief technical contact between the Microsoft Backoffice Division and Information Builders.

Architected the EDA/Message Server, the first implementation of message oriented middleware to provide Client/Sever SQL access over multiple message systems (Momemtum XIPC, IBM MQSeries, Microsoft Message Queue).

1993 - 1997   Communications Group Leader
Designed a protocol independent communications API, used in IBI products to transport data between all client/server platforms. The code is written in C and its kernel is compile portable across IBI supported platforms (Windows NT, OS/2, NetWare(NLM), DOS, MVS, CMS, UNIX, VMS, etc.)

Designed and implemented data access software for NetWare. Products include EDA/Communications Gateway for NetWare and NetWare Router for EDA. The products are implemented as NLMs which run under NetWare 3.X /4.X on the fileserver and enable NetWare clients to access local NetWare SQL databases as well as EDA/SQL supported data sources. This project is the result of a joint development deal between IBI and NOVELL. I personally wrote all the IBI supplied code for this product.

Designed and implemented the Gateway/CONNECT product, an OS2/PM application which provides enhanced connectivity capability, to MS/DOS based PC's on a LAN, enabling access Mainframe/Mini databases. The gateway employs both client and server architectures thus providing protocol independent virtual connections. The gateway is written almost entirely in 'C' and has been ported to several to platforms including MVS, VMS, UNIX and Macintosh.

Designed and implemented all OS/2 protocol subsystems including, NetBIOS, APPC, TCP/IP, SPX, etc. for multiple several network operating systems. Directed the design of all micro/mini protocol subsystem development.

May 1987 – August 1989, IBM Glendale Labs, Endicott NY   Technical Manager
Technical Manager of the implementation of the Procedures Language 2/REXX interpreter for OS/2. Responsibilities included supervising a staff of 14 programmers, to design and implement a system independent REXXSAA Language definition level 4.00 interpreter engine, as well as an OS/2 specific code harness. The system independent code was written entirely in 'C'. The system dependent was written in both 'C' and assembler. Project completion date was tied to the release of OS/2 1.2.

Designed and implemented various OS/2 specific portions of the interpreter including the Subcommand Interface, the Variable Pool Interface, the REXX Memory Manager, the REXX Message Repository, and the PMREXX Presentation Manager Interface. Created the packaging of the interpreter into the proper DLL, Executables, Command Line Filters, etc. all of which can be seen in the current product.

Participated in the design and implementation of the REXX language for the AS/400 system. Coded several low-level system specific modules. All code was written in both 'C' and PL/MI (OS/400) 370 cross assembler.

June 1986 – May 1987, Compensation & Capital, New York, NY   Systems Associate
C&C is an actuarial consulting firm specializing in the design and administration of employee benefit plans.

Responsibilities included the development of benefit administration applications as well as acquisition, installation and maintenance of hardware and software systems. All development work was done 'C' and FORTRAN on a VAX 11/785 System

Education: **Syracuse University** Syracuse, NY
School of Computer Information Science
Bachelor of Science, May 1986