Stanley J. Mlynarczyk

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Vice President / Senior Director

Versatile and highly competent IT operations professional possessing **more than 30 years** of experience in directing program management initiatives and in technical architecture. Significant experience in IT Operations; IT roadmaps, budgeting, technology evaluation & evangelization, and execution of multi-million dollar, multi-location projects. Diligent and self motivated enterprise architect with expertise in driving enterprise vision and infrastructure/product road maps. Deeply skilled in developing business solutions, harnessing technology to make better business decisions, improving efficiency and customer satisfaction. Possessing of solid management and leadership skills and the ability to analyze issues, devise continuous process improvements and incorporate initiatives to increase efficiency, streamline operations and decrease overall expenses with minimal resources.

~ Developed a new text analytics platform - "SemantiGrid" that provided a deep level semantic analysis of massive volumes of textual information ~
~ Created Teradata's Enterprise Architecture practice that grew to 25 members – brought in over $100M in revenue from fortune 100 customers ~
~ Architected the first highly available Teradata dual database system for a major bank in the UK ~
~ Architected and led the effort to create the largest highly available Teradata (dual) database in the world for a large US government entity ~
~ Founded a software development company that successfully developed and marketed a software product to fortune 500 customers ~

<u>SKILL AREAS:</u> *Internal Consulting & Solution Delivery ⬩ Inter-Divisional Coordination ⬩ Program / Project Management ⬩ Technical Architecture ⬩ Big Data/Hadoop architecture and Implementation ⬩ Budgeting / Resource Management ⬩ Outsourcing / Vendor Management ⬩ Enterprise IT Operations ⬩ Multi-location Infrastructure Management ⬩ IT Governance ⬩ Disaster Recovery ⬩ Team Mentoring & Coaching ⬩ Process & Quality Improvements ⬩ SDLC ⬩ IT Development Initiatives ⬩ Multitasking in Fast-paced Environments ⬩ Highly Organized & Strong Analytical Abilities ⬩ Articulate Oral & Written Communication ⬩ Quick Problem Resolution & Decision Making ⬩ Client Relationship Management*

PROFESSIONAL EXPERIENCE

CLOUDERA INCORPORATED, PALO ALTO, CA (March 2016 – Present)
Hadoop Instructor

Cloudera Inc. is an American-based software company that provides Apache Hadoop-based software, support and services, and training to business customers

As an instructor, I teach courses focused on Hadoop, BigData analytics and Data Science.

AMERICAN UNIVERSITY, WASHINGTON, DC (June 2016 – Present)
Adjunct Professor

American University is a leader among Washington DC universities in global education.

As an adjunct professor at American University, I teach courses in the area of database technology and BigData.

CHICAGO TECHNOLOGIES INCORPORATED, DARIEN, IL *(Jun 2014 – Present)*
President/Founder/CTO

Chicago Technologies, Incorporated is a software development and consulting firm based in Chicago.

Responsible for developing deep semantic analytics software based on Ph.D. thesis/research (2009). Created a platform that can be utilized for deep semantic analysis of text across very large document stores (the basic framework has been completed and will soon be presented and published at select research forums).

→ **Played a key role in developing a new text analytics platform - "SemantiGrid"** that provided a deep level semantic analysis of massive volumes of textual information; it provides the ability to store very large volumes of data and perform analysis and lookup of information utilizing clusters of computers
→ **Successfully created very high-performance semantic text analytics capability:**
- o One aspect of it is the Semantic Knowledge Base (SKB), which is capable of 1,000,000,000 lookups/sec (each lookup is equivalent to a SQL simple select) on a cluster of 8 nodes
- o The SKB is also able to perform advanced semantic text functions in real-time that would not be feasible on a SQL database regardless of its architecture

TERADATA, MIAMISBURG, OHIO *(Nov 1993 – Jun 2014))*
Multiple Roles & Designations

Teradata is the leading data warehouse vendor in the industry.

Director Hadoop Center of Excellence (Jun 2012 – Jun 2014)

Responsible for establishing the Hadoop Center of Excellence (COE). Functioned as Subject Matter Expert (SME) on Teradata's Unified Data Architecture (UDA) that includes Hadoop, Aster and Teradata.

→ Pivotal in delivering BigData consulting/architecture services to Teradata major accounts; skills & technologies - senior executive presentation Skills, Hadoop trained (HortonWorks) and Aster Data Trained

Director Enterprise Architecture, Active Data Warehousing & High Availability Practice (Nov 1993 – Jun 2012)

Created Teradata's Enterprise Architecture Center Of Excellence and responsible for providing enterprise architecture consulting, general technology strategy and system integration.

→ Actively involved in:
- o Data warehouse and related application architecture consulting functions
- o Enterprise security architecture and implementation
→ Instrumental in architecting as well as developing the enterprise monitoring and control capability for a fortune 100 financial services firm in the US
→ **Provided system performance analysis consulting to major US fortune 500 clients that generated $20M system sales**
→ Utilized following skills & technologies: Senior Executive Presentation Skills, Data Warehouse Architecture, SOA & Application Architectures, SOX, DITSCAP, PCI, System Performance Analysis, Network Performance Analysis, Fault Tolerance/High Availability, Text Analytics, Artificial Intelligence (Expert Systems, Machine Learning, Natural Language Processing), Database Performance Analysis, Teradata Database & Utilities, PostGreSQL, INFORMIX, LINUX, Windows, UNIX SVR3/SVR4, AIX, SUNOS, Java/J2EE, PHP, HTML, SQL, C#, C & C++, UNIX Shell, Informatica, Golden Gate, SNMP, TCPIP Sockets, MQSERIES, TIBCO, WordNet, C5, LISP and CLIPS
→ **Managed Teradata's most prestigious technical team that developed the largest fault tolerant dual database system in the world at United States Postal Service (USPS);** implemented the complex dual data load & recovery control logic that made the dual system possible.
→ Played a key role in:
- o **Architecting a highly available dual database system for a major bank in the UK supporting approximately 4000 daily ETL loads and hundreds of users in a multi-location environment**
- o **Designing an Enterprise Architecture practice (COE) within the Teradata Corporation that grew to 25 members – brought in over $20M in consulting revenue from fortune 100 customers and over $200M in add-on system sales**
- o **Developing the prototype of Teradata's Dual Active (DA) strategy and products. Used as the Teradata dual systems foundation for three Fortune 100 customers, generating $45M in revenue**
- o Creating a monitoring & control system that was used as the foundation for the Teradata Multi-Systems Manager product
- o Creating the information security practice at Teradata that resulted in $2M of direct consulting revenue and facilitated system sales of $20M

→ Played a key role in the drafting of the BigData/Hadoop Practice (COE); within two years, Teradata was ranked by Gartner in the Magic Quadrant for BigData, the COE was responsible for major Hadoop Wins (Sears, Liberty Mutual, AT&T, Mayo Clinic)
→ Achieved following awards & accolades:
- o **Teradata's Distinguished Consulting Award, 5 times**
- o **Discover Card's Distinguished Consultant Award while providing consulting services during 1994/1995**

PREVIOUS EMPLOYMENT HISTORY

Chicago Technologies, Incorporated, Chicago, Illinois   **Jun 1991 – Nov 1993**
President/Founder/CTO

AT&T Bell Laboratories - Naperville Ill   **Sep 1979 – Jun 1991**
Manager & Architect

GTE Automatic Electric - Northlake Ill., Engineer   **Jun 1978 – Sep 1979**
System Test Engineer

PROFESSIONAL DEVELOPMENT & CREDENTIALS

Certified Hadoop Instructor   **2016**
Cloudera Incorporated

Hadoop Instructor   **2015**
HortonWorks and Pivotal

PHD Computer Science   **2009**
DePaul University

MS, Computer Science   **1985**
DePaul University

BS, Electrical Engineering   **1978**
University of Illinois

Professional Memberships: Member of the Board of Advisors for Prognosive Corporation, Chicago Hadoop Users Group – (CHUG), Chicago Tableau Users Group – (ChiTUG), Chicago Booth Big Data & Analytics Roundtable

Technical Skills: MS Office Suite (Word, Excel & PowerPoint) Hardware Design Level Experience, C, C++, Lisp, Java, C#, UNIX Shell, Assembler, Perl, SQL, Software Packages - Teradata, UNIX, LINUX, Windows, PostGreSQL, MySQL, Hadoop, Hive, Pig, Hbase, Impala, Spark, MQ-Series and TCP/IP.