

# Andy Tauber

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## CURRICULUM VITAE

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### Objective

I am looking for a fast paced and fun environment where I can exercise my passion for the internet and use my over thirty years of experience to deliver successful systems.

### Profile

**A Motivated, personable business professional** and a successful over 30-year plus track record of systems implementation. Has a talent for quickly mastering technology. Diplomatic and tactful with professionals and non-professionals at all levels. Accustomed to working with teams of varied makeup. Demonstrated history of project management and business analysis proficiency.

Most recent experience is in designing, architecting and programming web service based and **SAAS** systems for both **Business to Consumer** and **Business to Business** and acting as a technical lead and Sr. Architect for the teams developing these systems. These systems were developed in ASP.NET.

As a **Microsoft Certified** Trainer a Microsoft Certified Systems Engineer and a Microsoft Certified Database Administrator I teach Microsoft Certification Classes at PSU.

I have collaborated with key members of the organization and information technology departments to develop and implement new systems.

I successfully interacted with clients to generate repeat and referral business, which resulted in new and repeat product orders

Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times.

**Project management** responsibilities included both **large and small systems**, facilities management, construction, wire and cable installation, telecommunications requirements, hardware evaluation, purchase and installation and selection of operating systems and software.

Possess strong communication, customer service and organizational skills, which provided customer satisfaction of over 95% and on-time delivery of projects.

Possess strong commitment to team environment dynamics with the ability to contribute expertise and follow leadership directives at appropriate times.

### Professional Experience

#### PROJECT MANAGEMENT AND BUSINESS ANALYSIS

- Worldwide field service system for a multi-national company that reduced inventory costs by 28% and administrative costs by 32%
- Call dispatch system that reduced time of response by 30%
- Multiple Manufacturing and shop floor control systems to support JIT manufacturing reducing inventory and labor costs.

- Introduction of client-server and internet technology into an IT department for a nationwide company including relation databases, programming tools and training.
- Many ecommerce systems including one for a specialty mushroom distributor that increased web sales over 200%.
- B to B system for the selling of information related to the pharmaceutical industry. This project was taken over when another firm could not complete it.

#### TECHNICAL MANAGEMENT

- Successfully managed a staff of 10 programmers and all aspects of an MIS group support a worldwide field service organization.
- Managed a staff of 3 as MIS manager for a division of Adolph Coors company.
- Provided management for a branch office and staff of 5 for a consulting company.
- Owned a successful internet solutions company managing day to day operations including 3 staff.

#### CERTIFICATION

Microsoft Certified Database Administrator  
 Microsoft Certified Systems Engineer  
 Microsoft Certified Trainer  
 Certified Sybase Instructor  
 Certified Powerbuilder Instructor

#### SKILLS SUMMARY

<ul style="list-style-type: none"> <li>• Project Management</li> <li>• Business Analysis</li> <li>• Software Development</li> <li>• Object Orientation</li> <li>• MS Project</li> </ul>	<ul style="list-style-type: none"> <li>• Systems Architecture</li> <li>• Database Design</li> <li>• UML</li> <li>• Rational</li> <li>• Visual Studio</li> </ul>	<ul style="list-style-type: none"> <li>• ASP.NET</li> <li>• Accounting/Bookkeeping</li> <li>• Customer Service</li> <li>• Professional Presentations</li> <li>• ERWIN</li> <li>• VB.Net</li> <li>• C#</li> <li>• Sql Server</li> <li>• Sybase</li> </ul>
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#### Employment

##### **2013-2013 Senior Database Architect/Database Developer IBM / Seterus**

In this role I am responsible for architecting an enterprise wide OLTP database to support the mortgaging industry standards created by the MISMO standards organization. I hold a seat on the companies architectural review board which is responsible to review and approve all software and database engineering projects.

I was instrumental in the design and development of our automated database build and code generation software. With this process the SQL code access the database was automatically generated and database changes were automatically incorporated.

##### **2009-2012 Senior Architect/Software Engineer, Ascension Software Formerly (Global Business Center)**

Architected and developed a corporate Data Warehouse using SQL Server 2008 Replication, Change Data Capture, SSIS for ETL of Data to de-normalized tables and SQL Server Report Server. Served as Database Administrator responsible for managing multiple SQL Servers. Performed database design and modeling along with creating stored procedures.

In this capacity I developed an Internet Gateway to manage charged access to the internet. The system interacts with internet gateway hardware that redirects unauthenticated web requests to a portal where the user may purchase access. The portal is a SaaS Content

Management system where the Customer can maintain the look and feel of the portal and enter products for access. System is based on the .Net platform using Web Services, SQL Server 2008 and various payment gateways. In addition the front end was created using html, css and javascript.

Currently developing an admin tool for the configuration of gateway portals using MVC and Razor.

Architected and Developed Enterprise systems for Contract Management and Invoicing using .Net Framework 4.0, C#, Ajax, and SOAP Web Services. Architecting a PC Platform to control access to a system, charging for access, printing or application usage (Pay Per Use Computing). In addition the system will support multiple shells such as Window 7, Windows Media Center, XBOX 360. Architecture is highly Object Oriented using multi-threading, event management; message queuing, Software and Content Updater, Print Manager. Service will interface with Web Services that will reside on the Microsoft Azure Platform using Cloud Storage to download content and configuration metadata to the local machine and also interfaces with Payment Gateways.

**2003-2009 Owner, ViTek Solutions**

Specialized in database driven web sites to provide end user functionality.

Managed all aspects of an on-going business including budgets, **Project Management, Analysis, Design and Development** and personnel.

Provided consulting and **project management** and **business analysis** related to **internet systems** including web site development in asp and **anp.net** 1.1 and 2.0, **ecommerce**, internet marketing and Search Engine Optimization to various companies. In addition developed off the shelf CMS system and support modules for resale.

Responsible for **database design, data modeling, database administration, application architecture** and design, programming in **asp.net**, transact sql, **html, javascript, and css**. In addition I managed our database and web server and provided the **database administration**.

**Project Highlights**

Pharmavoxx.com is a pharmaceutical portal allowing companies to review, purchase and download data sheets on existing drugs and research. The portal includes multiple levels of security, customizable searches and alerts as well as administrative management within the client company.

Successfully provided the analysis and design for IndependantU a portal for senior citizens designed as centralized access to information and products to support independent living.

Partial List of Sites Developed

Dharmapublishing.com consists of five web sites and an ecommerce store for selling their products.

Hummingbirdsnetworks.com customized ecommerce platform for the sale of used networking equipment.

eCommerce	Sites
Oregonmushrooms.com	Rexperts.com
Kelatox.com	eaglesmogcheck.com
Kelatoxpro.com	Ntpia.org
Aeropoxy.com	Cnitedway.org
Divinetreasuresgifts.com	Thirdwavets.com
Cardsbykam.com	Petpb.com
Cccrosses.com	Sutton-Alker.com

Teach MCSD / MCPD Certification Courses at PSU Extension.

**2003-2003 Senior Consultant, Azad**

Provide consulting service to clients.

Provided data analysis services to a large federal government organization using ERWIN, Rational Rose and Rational Requisite Pro.

Created data models and use cases. Gathering data requirements and performing

a data inventory with a goal of consolidating data.

Worked with the Data Stewardship Council to gather entity and attribute definitions.

Created custom request forms in Rational ClearQuest.

**2001-2003 Senior Consultant, Meridian Technology Group**

Primary responsibility as a project manager for the following projects:

- *Utility Asset Management*  
Provided Project Management, business analysis, design, architecture and data modeling for a web-based system for managing transmission pole contracts, maintenance, inspections, permits and attachments. The system will manage all PGE poles and allow PGE to sell pole management services to others.

Developed Use Cases to describe the business using Rational Rose and Rational Requisite Pro.

- *Membership*  
Project Manager. This project replaces the existing membership system providing for cross-domain single sign on and distributed user management.

Created requirements, performed software evaluation and implementation for a cross-domain multi site membership system using active directory.

Developed architectural model for the implementation of membership services including new business use cases using Rational Rose, for integration into PGE sites based on DirectorySmart from OpenNetwork Technologies. Installed and configured DirectorySmart on Six Servers and three active directories.

- *Data Warehouse*  
Provide project management on several data warehouse projects, from data acquisition to reporting including developing ETL strategies and writing DTS code..
- *High Availability Web*  
Provide project management and a hardware and software infrastructure to ensure 99.9999 uptime on the corporate website. This was accomplished using load balanced web and application servers and a clustered SQL server connected to a SAN. The network consisted of redundant Cisco switches.

**2000-2001 Senior Software Engineer, Convergent Communications**

Primary responsibility to direct and mentor technical staff.

- Technical Architect for Internet E-Commerce Projects.
- Database Administrator for Web based projects.
- Technical Mentor and trainer.

- Provided technical project management, architecture and design for retail store sites based on Microsoft Site Server and custom created applications. Sites included:
  - Enforma2000.com
  - RoseCityTextiles.com
  - BSWOnline.com
  - AutoTitling.com
- Developed in house training.
- Helped to develop standard project methodologies.

**1995-2000      Senior Consultant, Cotelligent**

Primary responsibility to insure client satisfaction.

- Instructor for custom, senior level PowerBuilder courses.
- Instructor for SQL and object-oriented analysis and design.
- Completed redesign and programming of contract management and royalty payment system in PowerBuilder for Intel.
- Strategic white paper on royalty systems successes and failures.
- Designed and programmed a PowerBuilder class library in use by multiple developers at Cotelligent.
- Data conversion project for Lane County taking data tapes from multiple mainframes and cleaning the data before inserting into a SQL Server Datamart.
- Project Manager for large-scale proprietary shrink-wrapped software system. Project Manager for Hewlett Packard – Corvallis software development project.
- Provided customized PowerBuilder training for Intel Corporation.
- Provided design, object architecture, mentoring, database design and development services for a large scale Intel system, for which he receives an Intel Award.
- Provided SQL/Server support and mentoring for a client server move.
- Technical lead and system architect for a web based customer management and event registration system using a 3-tier approach utilizing Microsoft Transaction Server to provide database independence.
- Project manager for Portland office adoption and conversion to Windows 2000.

**1994-1995      Director of Consulting Services, MetaCorp Strategies**

Primary responsibility to manage and grow consulting practice business.

- Responsible for the opening and management of a new branch, including marketing, sales, training and consulting. The office grew to five employees and class attendance increased to over 20 attendees per month.
- Returned a profit in 3 months.
- Provided all training for Sybase and the majority of the training in the PowerSoft products.
- Provided high level consulting to clients on a variety of subjects and projects. Including DataMarts using DTS from Sybase to SQL Server and Oracle to SQL Server.
- Served as the technical editor on four popular PowerBuilder books and produced articles in PowerBuilder-related publications. Co-authored the book "Foundation Class Library Professional Reference".

**1992-1994      Senior Computer Analyst, Spectra Physics**

Primary Responsibility to change corporate direction to client server and relational database technology.

- Changed the direction of corporate computing by evaluating and installing client/server and GUI development technology.
- Selected databases, development tools and hardware.
- Developed educational material and instructed the programming staff on use of tools and languages.
- Developed corporate standards and procedures. Responsible for providing support to Human Resources and R&D groups, as well as technical support for MIS Department.

**1988-1992      Information Systems Manager, Wilbanks**

- Responsible for budgeting, planning, and staff management and training.
- Responsible for computers and some office equipment, including various PC's, telecommunications, photocopiers and fax machines.
- Oversaw operations, data entry and programming, including system implementation.
- Provided management with budget and long-range plans for all of the company's data needs.
- Designed network topology and installed Novell networks connected to the HP3000.
- Responsible for programming Windows applications for in-house use.
- Reduced maintenance costs by 60% by stocking spare parts inventory and fixing PCs in house.

**1984-1985 Senior Consultant, Pent\*Alpha**

- Responsible for customer contact, contract negotiations, analysis, design and programming of a variety of systems.
- Clients included
  - Fujitsu Micro Electronics
  - Spectra-Physics
  - Hewlett Packard International Users Group

**1981-1984 MIS Group Manager, Calma**

- Responsible for the analysis, design, programming and implementation of field service systems. Supported field service, R&D and customer support functions of the company.
- Promoted to MIS Group Manager after successful implementation of an in-house developed field service system. This system resulted in an inventory cost savings of over \$500,000.
- Managed day-to-day activity of ten programmers.
- Responsible for the management of the departments \$6.1 million budget, as well as strategic planning.
- Led the development effort for a worldwide Call Dispatch system that reduced time of response by over 30%.

**Additional Job history on request.**

**Operating Systems**

- |                       |              |
|-----------------------|--------------|
| • Windows NT          | • MPE        |
| • Unix                | • 4341       |
| • DOS/VSE             | • 3090       |
| • Windows 2003 Server | • Vista      |
| • Windows 2000        | • Windows XP |

**Languages**

- |             |                |
|-------------|----------------|
| • ASP       | • Powerbuilder |
| • COBOL     | • Fortran      |
| • Assembler | • Basic        |
| • C++       | • RPG          |
| • PL SQL    | • Nomad        |
| • Quick     | • Quiz         |
| • APL       | • ASP.Net      |
| • C#        | • VB.Net       |

**Databases**

- |                 |          |
|-----------------|----------|
| • Sybase        | • Nomad  |
| • SQL Antwhere  | • Adabas |
| • Informix      | • Dbase  |
| • MS SQL Server | •        |



### Software

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- Rational Requisite Pro
- Microsoft Project
- PowerDesigner
- Microsoft Team Services
- Microsoft Office
- Rational ClearQuest
- Microsoft Project Central
- DBArtisan
- BPWin
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**References Available**

**Portfolio Available For Interviews**