

Theodore M. Seeber
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OBJECTIVE

Seeking a position in the Portland/Vancouver Metro Area which enables me to use and expand my data warehousing and project management skills, with an eye towards software architecture

EDUCATION

Oregon Institute of Technology

Klamath Falls, OR

Bachelor of Science, Software Engineering Technology

COMPUTER SKILLS MATRIX

SKILL/PRODUCT	YEARS USED	LATEST VERSION USED	PROFICIENCY
Windows Client	20	10	Expert
Windows Server	17	2012	Expert
Visual Basic	20	.NET 2010 (Windows Forms)	Expert
C#	12	.NET 2012 (Windows Forms, Web Forms, MVC)	Expert
SQL Server	20	2012	Expert
Oracle	4	8	Intermediate
Postgre SQL	1		Novice
MySQL	2		Novice
PHP	3	4.0	Intermediate
HTML	20	5	Intermediate
Javascript	20	JQuery UI 11	Intermediate
ASP	10	ASP.NET 2012 MVC	Expert
CSS	8		Intermediate
PIC Basic	1		Novice
Verifone Assembly	1		Novice
TCL	1		Novice
UML Modeler	5		Intermediate
Microsoft Office	20	2013	Expert
SQL Pathfinder	1	9.3.1.7	Intermediate
Visual Studio	20	2013	Expert

Microsoft BI	1	2013	Intermediate
AJAX	7		Intermediate
SOAP	5		Intermediate

PROFESSIONAL EXPERIENCE:

Software Technology Group- March 2015-October 2015

- Modified Android Application for alternate SD Card Path – Agility Fuel Systems
- Coded C# Windows Forms Application and SQL Server Stored Procedures to interface an ordering database to a Domino laser for marking product. – General Glass
- Created an MVC C# WebService to interface an Android Application through AJAX/JSON to SQL Server back end. – General Glass
- Created an MVC C# Data Entry and Reporting Tool, running Ubuntu Linux/Firefox HTML5 with AJAX on the front end, Windows/Chrome/HTML5 in the back office, and SQL Server stored procedures for complex reporting from the back end. – General Glass
- Increased functionality on ASP.NET 4.0 Webforms website, editing CSS, modifying HTML5 AJAX and handling changes from Exigo web service/Azure Database – Jusuru.com Back Office Application
- Created SQL Stored procedures for pulling reports- Jevo
- Added unit testing to WCF/MVC - Sensata

Intel Contract Employee Green and Blue Badge- October 2013-March 2015

- Continued to maintain reports for Intel CPTD with SQL Server 2012, SQL Server 2008, Aegis, MVC and JQuery/ AJAX
- Managed transition of older Access reports using Aegis Excel extracts to SAP ME using SQL Pathfinder
- Created datapath from SQL Pathfinder to XML to SQL Server 2012 to keep Enforcer working (an Access front end tool used by CPTD Debug Team)
- Created a reporting database for Intel CPTD group with SQL Server 2012, SQL Server 2008, Aegis, MVC and JQuery/ AJAX

Intel Software Engineering Consultant Green Badge- January 2013-August 2013

- Developed an internal tool for external access for Intel related to testing of experimental hardware.
- Redesigned 1st normal form data warehouse to 4th normal form with random incoming data in SQL Server with redundancy including mirrored server and watch server.
- Main Database Administrator for the project
- Developed complex BI front end in C#, ASP.NET 4.5, HTML 5, PHP, Python, Java, and Javascript, MVC, AJAX

Integra Telecom Software Engineering Consultant- Oct 2010-December 2012

- Managed legacy client-server system with over 8000 active users and multiple databases tied to other systems for Integra.
- Back end SQL Server 2008, front end VB6/C#/VB.NET on a Citrix Virtual Server
- Main database developer for the project

Independent Consultant- Oct 2001-September 2011

- Self-employed business offering various home IT Services including broadband installation, web site design, virus detection and elimination
- Software Modifications to PTI Global timecard system as needed, Visual Studio 2003/Visual Studio 2008 with Access backend
- Designed ETL system for Mindlink, Inc
- Analyzed VB6/VB.NET/C#/SQL Server 2008 LIMS system for ZRT Laboratory, a local medical analysis company. Used WCF to design a REST web service link to new online reporting system in XML, using TDD architecture. Modified WPF layer for printing of PDF reports.
- Architected ASP.NET 3.5
- Media conversion from 5.25" floppy, 3.25" floppy to CD for a local doctor
- Visual Studio 2003-2005-2008-2010, SQL Server 2010, ASP.NET 3.5, Windows XP, Windows 7, Excel Macro 2007/2010, SSRS, ActiveReports
- Help Desk duties through SupportFreaks.com

PTI Global Software Engineer-July 2008-Aug 2010

- Contracted to Intel working on hardware testing software comparing performance of 8 different laptop systems with 26 variants, using VBScript and AutoIt for automation, Assembly Language, SQL 2005, VB.NET and Waitn shell scripting, working on a team using Agile Development
- Contracted Intel working on intranet application to capture and mine patent information in a blog/wiki format, using PHP & MySQL to a HTML/Javascript front end
- Contracted to Intel working on extranet e-commerce application to schedule classes and order class materials to promote technology use in the classroom for K-12 teachers, using SQL 2005, C# 2008, ASP.NET 3.5, HTML 4.0, CSS & Javascript
- Helped with ISO 9001 certification for Rain Bird
- Designed the next-generation 3rd tier form database for the internal timecard project.

ODOT Software Analyst- December 2003-April 2008

- Worked on a variety of support & maintenance projects in VB, C#, AJAX, ASP.NET, and SQL Server Transact SQL
- Helped create major n-tier business projects on the intranet in the areas of utility bill processing, rail inspection, and civil rights using Agile Development, VB.NET 2003, SQL Server and Crystal Reports 11.
- Worked on Fleet Condition Model covering a \$350 million set of assets
- Helped create planning library index covering records back to 1920.
- Worked with GIS, mapping data, and GPS interpretation, as well as surveying databases.
- Troubleshooting for end users on a variety of technologies.
- Suggested normalization improvements for databases.
- Worked on Contract with State Agency

- Primary responsibility upgrading databases for Windows XP Rollout (Agency was moving from Office 97 base to Office 2002 base).
- Secondary Responsibility major rewrite of database linking for sets of users with a mixture of Windows XP and Windows NT installations
- Tertiary responsibility VB coding for a different division (Financials)
- Security issues, gained end user experience with both software and security policies.
- Suggested normalization improvements for databases.
- Wrote business case proposals and install documents
- Had to deal with end users.
- Designed .NET Video GPS Collection System for multiple processors and multiple mobile cameras

Wellspring, Inc Software Engineer - August 1999 - October 2001

- Completed and shipped first product of the next generation COM based 4-tier products.
- Created dynamic system which enabled users to access the database from Web as well as Desktop.
- Designed databases in 3rd normal form.
- Created 4-tier ActiveX Com+ components in VB 6.0 that used XML for communication between layers using Agile Development in SQL Server 7.

Stock Market Software Senior Consultant - February 1999 - September 1999

- Acted as primary programmer for analysis, design, implementation and installation of a server-side EXE that created ASP pages based on input data and generated e-mail alerts to the client's customers in VB 5, ASP, and SQL Server 6.5 in 3rd normal form with denormalized star schema views.
- System enabled day traders to get alerts on stock market data from a single source.

IMG, Inc Consultant - September 1997 - February 1999

- Used programming and technical skills to create enterprising and effective programs, which helped the sales force at Tektronix meet sales goals Oracle 8i and Crystal Reports/Crystal Info Server 6.
- Wrote program-managing inventory in Tektronix engineering stock rooms and manufacturing processes using Oracle 8i and Crystal Reports/Crystal Info Server 6 using 3rd normal form and star schema denormalization for reporting..
- Assisted in programming fish-tracking project for Department of Fish and Wildlife, which allowed field experts to bar code and categorize salmon growth and return rates using VB4 & Access.
- Responsible for QA of new products.
- Created manufacturing scheduling system which enabled a plastic products manufacturer to better use machine time using VB3.0 & Sybase SQL Anywhere.

Casino Software Corporation of America Software Engineer - July 1995-July 1997

- Worked on all core products and led the software development of Las Vegas version of software.
- Created demo product to attract financing from Casinos, including a CD-ROM to distribute at shows.
- Provided technical support remotely and on-site.
- Designed Database in 3rd normal form
- Worked on microprogramming of card swipe keypad and ultrasonic auto-counting chip tray.
- Helped maintain CasinoCrypt Encryption Routine, programmed in assembly and integrated to DOS at a low level.
- Created Comp Counter, to keep track of complimentary items players collected, which helps prevent fraud in the casino industry.
- VB 3.0, SQL Server 6, SQL Server 6.5, Access 2.0, Crystal Reports 2, Crystal Reports 3, Crystal Reports 4

Volunteer Positions

- Junior Leader OSU 4-H extension office, Computer Science, 1981-1988.
 - Taught computer programming in the early 8 bit days on 12 different systems, including data transfer between them using serial modems, RS232, 8" floppies, 5.25" floppies, cassette tape, stringy floppies, and 3.5" floppies.
- Our Peaceful Place Board of Directors 2010-February 2013
 - <http://ourpeacefulplacepdx.blogspot.com>
- Our Lady of the Valley Knights of Columbus Council Webmaster & Newsletter Editor 2010-2012
 - <http://kc3591.org>
- John Clare Council Knights of Columbus Grand Knight 2012-July 2015

In the last three of these positions, I have had to take an organizing role- sometimes managing as many as 30 volunteers.

References:

Tony Studenroth, Manager, Intel – Anthony.c.studentroth@intel.com 503-696-2353

Lucinda Mager, coworker, Intel – Lucinda.r.mager@intel.com 503-696-5817

Dan Hempel, coworker, Software Technology Group – danh@softwaretechnology.com 360-551-2500

Arron Woods, coworker, Intel. aaron.j.woods@intel.com 503-696-1792