

# Theodore M. Seeber

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## 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 2013 (Windows Forms, Web Forms, MVC)	Expert
SQL Server	20	2014	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 .NET	10	ASP.NET 4.0/4.5 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
REST	15		Expert

## PROFESSIONAL EXPERIENCE:

### **Software Technology Group, Beaverton, OR**

**March 2015 - October 2015**

*Sr. Software Engineer*

- Optimized Android Application for alternate SD Card Path – Agility Fuel Systems
- Produced C# Windows Forms Application and SQL Server Stored Procedures to interface an ordering database to a Domino laser for marking product. – General Glass

- Generated an MVC C# WebService to interface an Android Application through AJAX/JSON to SQL Server back end. – General Glass
- Generated 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
- Generated SQL Stored procedures for pulling reports- Jevo
- Added unit testing to WCF/MVC - Sensata

### **Intel, Hawthorne Farm, Hillsboro, OR**

**October 2013 - March 2015**

*Software Engineer/Data Architect (Contract - Green and Blue Badge)*

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

### **January 2013 - August 2013**

*Software Engineering Consultant (Contract -Green Badge)*

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

### **Integra Telecom, Portland, OR**

**October 2010 - December 2012**

*Software Engineering Consultant*

- Optimized legacy client-server system with over 8000 active users and multiple databases tied to other systems for Integra.
- Expanded Back end SQL Server 2008, front end VB6/C#/VB.NET on a Citrix Virtual Server
- Contributed to PHP conversion from Oracle to SQL Server
- Produced C#.NET extensions for data transfer to Salesforce

### **PTI Global, Beaverton, OR**

**July 2008 - August 2010**

*Software Engineer*

- Produced 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 Watin shell scripting, working on a team using Agile Development
- Produced intranet application to capture and mine patent information in a blog/wiki format, using PHP & MySQL to a HTML/Javascript front end
- Produced 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
- Produced ISO 9001 certification for Rain Bird
- Optimized next-generation 3<sup>rd</sup> tier form database for the internal timecard project.

### **ODOT, Portland, OR**

**December 2003 - April 2008**

#### *Software Analyst*

- Produced a variety of support & maintenance projects in VB, C#, AJAX, ASP.NET, and SQL Server Transact SQL
- Contributed to 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.
- Contributed to Fleet Condition Model covering a \$350 million set of assets
- Produced planning library index covering records back to 1920.
- Contributed to GIS, mapping data, and GPS interpretation, as well as surveying databases.
- Contributed to normalization improvements for databases.

### **Independent Consultant, Beaverton, OR**

**October 2001 - September 2011**

#### *PTI Global*

- Produced Software Modifications to PTI Global timecard system as needed, Visual Studio 2003/Visual Studio 2008 with Access backend, Architected ASP.NET 3.5 Conversion

#### *ZRT Laboratory*

- 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.

#### *Miscellaneous*

- Visual Studio 2003-2005-2008-2010, SQL Server 2010, ASP.NET 3.5, Windows XP, Windows 7, Excel Macro 2007/2010, SSRS, ActiveReports
- Self-employed business offering various home IT Services including broadband installation, web site design, virus detection and elimination

### **VOLUNTEER POSTIONS**

**2010 – 2013**

*Our Peaceful Place Board of Directors*

- <http://ourpeacefulplacepdx.blogspot.com>

**2010 - 2012**

*Our Lady of the Valley Knights of Columbus Council Webmaster & Newsletter Editor*

- <http://kc3591.org>

**2012 – 2015**

*John Clare Council Knights of Columbus Grand Knight*

- <http://kofc15485.blogspot.com>

## **EDUCATION**

**Oregon Institute of Technology**

Klamath Falls, OR

*Bachelor of Science, Software Engineering Technology*

**References available upon request**