

Theodore M. Seeber

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DATA ANALYST / SOFTWARE ENGINEER DATA QUALITY | DATA GOVERNANCE | DATA ARCHITECTURE

Software Engineer with expertise in finding the secrets your data is hiding. Highly-educated, Data Analyst/Data Architect/Data Administrator with success in many different industries. Adept at wearing many hats while working on a small team, sometimes acting as architect, sometimes as scrum master, flexing to the needs to expand or contract the team size. Solid familiarity with Gantt charts and in tracking KPIs to keep a project on track. Highly experienced with what works and does not work for coding standards, and is good with leading programmers to work together as a team.

TECHNICAL SKILLS

Operating Environments: Windows Server, Windows Client, Azure, Linux

Databases: SQL Server, Azure, Oracle, SQL Lite, MySQL, MariaDB, MongoDB, Denodo, Active Directory

High Level Languages: C#, Java, Perl, Python, M, DAX, SQL, PHP, HTML 3.0-5.0, JavaScript, PowerShell, CMD, BASH, ASP, M, LINQ, C++

Methodologies: Scripting, Procedural, CI/CD, SCRUM, Agile, Waterfall, curl REST

Data Description Schema APIs: JSON, XML, CSV, REST, ODBC, JDBC

Frameworks: Web Forms, Windows Forms, ASP.NET, PowerBI, SSIS, SSAS, Python Database

Software Lifecycle Management Tools: Jira, GIT, Red Hat SQL Tools, Microsoft Project, Gantt Charts, Visio Data Flow Diagraming, Jira, Visual Bugs, Visual Studio IDE

Office Business Intelligence: Office365, Excel, Word, Crystal Reports, PowerBI

CORE COMPETENCIES

Coding Standards | Inventory Management Automation | Data Entry Integrity
Centralized Data Lakes | Server Stored Procedures

PROFESSIONAL EXPERIENCE

INTEL- MSO

September 2023 – February 2024

Provided Support for Agile and SQL 2022 conversion, while increasing agile processes in a multi-geographic team.

- Participated in a cross-functional, cross-geo team with 90% remote members, improving team connection and morale with daily time zone efficient meetings.
- Tested and updated 36 ETL processes for upgrade from SQL 2018 to SQL 2022 in Azure
- Created deployment pipelines in Azure

INTEL- DCAI

September 2016 – August 2023

Added automated reporting and data quality analysis to PACT team saving \$1.4 million/year.

- Participated in a cross-functional, cross-geo team with 90% remote members, improving team connection and morale with daily time zone efficient meetings.
- Automated inventory management for DEO engineering samples, resulting in a 35% increase in reuse between platforms.
- Automated EDI from 15 tools into a centralized data lake for combining data, resulting in a 1085 man-hour per year savings in refreshing dashboards.
- Advised internal clients about data entry issues discovered in the ETL Process, reducing errors and giving better data integrity.
- Tuned a complex set of ETL and EDI automation to maximize server efficiency using SFTP, curl, Python, SSIS and linked server-based solutions in XML, JSON, CSV, and ODBC data sources, enabling automated import from both internal and external data sources.
- Fulfilled several roles from scrum master to CD/CI deployment, reducing initial investment in the project.
- Created multiple reports for Optane project managing all aspects of quality assurance, from change requests to defect management, resulting in the Apache Pass and Barlow Pass releases.
- Assisted as a part of a larger group creating data governance and architectural decisions related to a cross-functional Design Group, leading to the OneBOM effort.
- Analyzed back end schemas and coming up with innovative queries to improve ETL Efficiency and reduce server load.

XTREME CONSULTING GROUP

March 2015 - August 2016

Freightliner | BMW, June 2016 - August 2016

- Reverse-engineered SAPGUI VBS Scripts, DTS scripts, SSIS scripts, 1734 table, 4000 Views, 3000 stored procedures SQL Server 2005, for a database containing the full parts supply chain for North America Freightliner.

Software Technology Group, March 2015 - October 2015

- Coded C# WPF Application and SQL Server Stored Procedures to interface an ordering database to a Domino laser for marking glass panes, enabling reorder for breakage in factory and reducing waste 23%.
- Created an MVC C# Data Entry and Reporting Tool, running Ubuntu Linux/Firefox HTML5 on the front end, Windows/Chrome/HTML5 in the back office, and SQL Server stored procedures for complex reporting from the back end enabling GIS and GPS reporting of delivery trucks.
- Increased functionality on ASP.NET 4.0 Webforms website, editing CSS, modifying HTML5 and handling changes from Exigo web service/Azure Database for a large HR customer drawing online org charts.

EDUCATION

Bachelor of Science (BS) in Software Engineering Technology
OREGON INSTITUTE OF TECHNOLOGY, Klamath Falls, OR