

# THEODORE SEEBER

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DATA MANAGEMENT | DATA ANALYTICS | DATA VISUALIZATION | AUTOMATION | SOFTWARE ENGINEERING

*Software Engineer & Data Architect with strong experience developing data-driven solutions that significantly improve operational and technical processes. For a deeper understanding of my journey, I invite you to visit [my data driven resume](#).*

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## PROFESSIONAL EXPERIENCE

### UNCOMN – **Data Analyst Consultant (October 2024 – January 2025)**

- Mentored younger engineers on being a contractor
- Created and tested EDI queries for EDI 322
- Created AWS/S3/Postgres connection to PowerBI dashboard for data analysis
- Created custom one off reports for end client from database using PowerBI and distinct SQL queries.

### INFORMATION-R-US - **Digital Intelligence Consultant (Mar. 2024 - Present)**

- Oversaw a project focused on creating an engineering workstation for a materials engineering business, reducing the customer project lead times.
- Managed the development of a hybrid online and in-person meeting platform for a nonprofit organization, improving the customer's meeting participation metrics by 85%.
- Implemented point-of-sale systems for multiple customers, which contributed to a 20% rise in their overall sales and fundraising.
- Developed a Data Governance Schema in the Azure Data Center for Databrick capacity planning, enhancing data tracking capabilities by 25%.

### INTEL- MSO - **Enterprise Architect (Sep. 2023 - Feb. 2024)**

- Supported the transition to Agile and SQL 2022, establishing Agile practices for a geographically dispersed team, resulting in increased ticket velocity and faster support case completion.
- Conducted root cause analyses focused on resolving critical architectural and system issues; leveraged findings to implement improvements that reduced error rates by 25%.
- Engineered CI/CD deployment pipelines in Azure, providing a new development architecture that accelerated support case resolution times.

### INTEL- DCAI - **Senior Software Data Analyst (Sep. 2016 - Aug. 2023)**

- Provided expertise on data entry issues in the ETL process, enhancing data accuracy and reducing errors by 75%; also analyzed data schemas and developed advanced queries, improving ETL efficiency and decreasing server loads by 35%.
- Generated detailed reports in Power BI for the Optane product while overseeing quality assurance and defect management activities, contributing to timely Apache Pass and Barlow Pass releases while improving efficiencies in project delivery by 35%.
- Facilitated improved team communications and collaboration by promoting time-zone-friendly meetings, leading to 75% reduced trouble ticket backlogs.
- Diagnosed and categorized bugs for the 10 nm chip manufacturing process node, expediting the delivery of 10 nm server products to data centers for Fortune 500 clients by 45%.
- Designed Azure Datalake Schema for PhD system consisting of 37 input databases and over 5000 tables over 4 tiers
- Converted from Contingent Worker to Full Time on this project due to value added to the business

## TECHNICAL SKILLS

**DATABASES:** SQL Server, Oracle, SQLite, MySQL, MariaDB, MongoDB, Denodo, Active Directory, Postgres SQL, Spark SQL Syntax

**DATA SCHEMAS / APIs:** JSON, XML, CSV, ODBC, JDBC

**SOFTWARE DEVELOPMENT LANGUAGES:** Python, SQL, C#, Java, Perl, M, DAX, PHP, HTML 3.0-5.0, JavaScript, PowerShell, CMD, Bash, ASP, LINQ, C++, Typescript

**FRAMEWORKS:** Web Forms, Windows Forms, ASP.NET, Power BI, SSIS, SSAS

**METHODOLOGIES:** Scripting, Procedural, CI/CD, Scrum, Agile, Waterfall, cURL, REST

**SOFTWARE LIFECYCLE MANAGEMENT TOOLS:** Jira, Git, Red Hat SQL Tools, Microsoft Project, Gantt Charts, Visio Data Flow Diagramming, Visual Bugs, Visual Studio IDE, Github

**OPERATING SYSTEMS / ENVIRONMENTS:** Windows Server, Windows Client, Azure Databrick, Linux, AWS S3

**DATA ANALYTICS:** Excel, Crystal Reports, Power BI

**PRODUCTIVITY SOFTWARE:** Office 365, Word

**AI:** Galaxy AI, Zencoder, CoPilot, Gemini, ChatGPT

**SOFT SKILLS:** Communication, Analytical Thinking, Problem Solving, Problem-Solving, Leadership, Mentoring, Collaboration, Cross Functional, Teams, Cross Geographic, Hybrid Meetings, Meeting Organization, Database Management, ETL Processes, Data Integration, Big Data Technologies, ELT Solutions, ELT processes, Solution Architecture Design, Quality Assurance, Data Analytics Solutions, Dashboards, Visualization

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## PROFESSIONAL ACHIEVEMENTS

- Generated detailed reports in Power BI for the Optane product while overseeing quality assurance and defect management, contributing to timely Apache Pass and Barlow Pass releases while improving project delivery efficiency by 35%, reducing manual tasks to save \$1.4 million annually.
  - Implemented compliance validation for an SQL database with pre-trigger data cleanup, decreasing data-related compliance incidents by 35%.
  - Reverse-engineered databases for Freightliner/BMW and a medical lab, increasing process visibility by 95% and enabling AI functionality that reduced labor by 25%.
  - Upgraded 36 ETL processes from SQL 2018 to SQL 2022 in Azure, enhancing data governance and reducing data center costs by 15%.
  - Developed a SQL-based application for product manufacturing and quality management, cutting waste by 33%.
  - Integrated PIP and SSN data governance regulations into Workday data imports, improving compliance by 20% and increasing tool engagement by 38%.
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## EDUCATION

**Bachelor of Science, Software Engineering Technology**

OREGON INSTITUTE OF TECHNOLOGY