

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.

Specializes in engineering large-scale enterprise database environments, developing automation solutions, and deploying technologies according to regulatory compliance directives. Coordinates the work of multidisciplinary technology project teams to ensure the success of data solution engineering initiatives. Currently seeking a Senior Data Analyst role.

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%.
- Reversed-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%.

PROFESSIONAL EXPERIENCE

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

- Oversaw a project focused on creating an engineering workstation for a materials engineering business, helping the customer to reduce 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 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.
- Collaborated with a cross-functional, international team of 90% remote members, promoting improvements to team connection through daily meetings that were optimized across time zones, reducing project delays through better, more strategic communication.
- 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%.

XTREME CONSULTING GROUP - *Data Detective (Mar. 2016 - Aug. 2016)*

- Analyzed and documented SAPGUI VBS scripts, DTS scripts, SSIS scripts, 1,734 tables, 4,000 views, and 3,000 stored procedures in SQL Server 2005, establishing oversight of Freightliner North America's parts supply chain database, which improved data governance by 75%.
- Developed a Data Governance Schema to transition project ownership from a single individual to a team, reducing operational risks by 90%.

SOFTWARE TECHNOLOGY GROUP - *Senior Consultant (Mar. 2015 - Oct. 2015)*

- Developed an MVC C# data entry and reporting tool that utilized SQL Server for complex reporting; tool also enabled GIS and GPS tracking of delivery trucks, and helped to improve customer communication and satisfaction by 40%.
- Enhanced an ASP.NET 4.0 Webforms website by updating CSS, HTML5, and integrating Exigo web service and Azure Database, supporting online organizational charts for an HR client and reducing support requests by 20%.

TECHNICAL SKILLS

DATABASES: SQL Server, Oracle, SQLite, MySQL, MariaDB, MongoDB, Denodo, Active Directory

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++

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

OPERATING SYSTEMS / ENVIRONMENTS: Windows Server, Windows Client, Azure, Linux

DATA ANALYTICS: Excel, Crystal Reports, Power BI

PRODUCTIVITY SOFTWARE: Office 365, Word

EDUCATION

Bachelor of Science, Software Engineering Technology

OREGON INSTITUTE OF TECHNOLOGY