

Joan Winslow

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BIG DATA ENGINEERING & DATA SCIENCE | GLOBAL TEAMS | (US TIMEZONES)

Develops robust systems and scalable technology solutions to optimize the user experience and drive business results.

Strategic and tactical leader with 10+ years of global leadership and development for private enterprises of up to \$660M in annual revenue. Delivers solutions for unique data sets, leveraging data analytics to influence critical decisions, mitigate risk, and development processes for global pharmaceuticals, multidisciplinary teams as large as 12 people.

- **Information Technology:** Scrum and agile methodology for both software and data engineering projects with a diverse background in data, software, and data science.
- **Cross-Functional Leadership:** Builds consensus among diverse stakeholders by simplifying complex problems, translating business concepts into architecture, and partnering with business and technical teams to prioritize.
- **Business & Data Analysis:** Synthesizes large data sets, mines data from disparate data sources, and partners with stakeholders to develop appropriate testing methodologies and communicate actionable recommendations.

[Data Engineering](#) | [Architecture](#) | [Data Lake](#) | [Artificial Intelligence](#) | [Big Data](#) | [ELT](#) | [Data Science](#)

TECHNICAL SKILLS

Server Technology: Azure, Amazon Web Services, DBA, Cloud, On-premises

Data Engineering Technology: Redshift, Big Data, ELT, Python, SQL, Airflow, ETL, SSMS, API Integration, T-SQL, APIs, Microsoft SQL Server, Visual Studio, C#, XML, HTML, JSON, T-SQL, Postgre, MySQL, Lambda, SSIS

Enterprise Analytics/Reporting Design: Azure DevOps, SSRS, Power BI, Tableau, Excel, SSAS, and Statistica

Methodologies/Concepts: Data Architecture, Wrangling, Scrum, OLTP, Agile, Scrum, SDLC, Machine Learning, Artificial Intelligence, Normalization, Data Lake, Dimensional Modeling, Source Control, Data Warehousing, CI/CD

PROFESSIONAL EXPERIENCE

Lumeris

July 2023 – Until Now

Principal Data Integration Engineer

Principal Data Integration Engineer on a team for a care managed services operator providing solutions to its customers supporting measurable outstanding care.

- Data engineering and integration for data pipelines between systems, monitoring data, and analysis.
- Working cross-functionally with team members and providing information to support business initiatives.
- AWS, Redshift, SQL, Apache Airflow, PostgreSQL, MySQL, Python, Lambda

Insight Global

February 2023 – June 2023

SQL Developer - Contract

SQL Developer for department, supporting internal operations and collaborating cross-functionally with other personnel for requirements, integration, and data engineering.

- Developed and maintained databases, application, and integrated data from multiple sources including reports.
- .Net, C#, ETL, SQL.

Professional Certificate in Artificial Intelligence AI

June 2022 – Until Now

Professional Certificate in Artificial Intelligence AI

- Updating data science skills towards professional certificate in AI and machine learning; still pursuing.

Bishop And Company

January 2022 – June 2022

Project Manager - Contract

Project Management for working directly for a bank with a project team to lead, develop, and maintain enterprise project for Debit PIN Conversion Project for payment processing (Mastercard, STAR, TSYS, FiServ, and AFFN).

- Project management of sub-projects/workstreams for vendor management, implementation, teams, and deconversion while overseeing and documenting people resourcing, and budget.

Dexian

Dec 2020 – October 2021

Senior .Net Developer - Contract

Full-Stack software development for life cycle services on the scrum software engineering team. Collaborated cross-functionally with other personnel for CI/CD in Azure DevOps and project management service management for continual custom support.

- Developed and maintained older legacy MVC applications with monolithic SOA and newer modern applications with microservices SOA in OLTP environment.
- .Net, Kubernetes, SQL, API development, C#, TypeScript, HTML, Swagger, and JavaScript.

BlueNaloo

September 2017 – December 2020

Consultant

Led all aspects of data and application development: project management, relationships management, vendor management, customer service, and coding for corp-to-corp engagements.

- Worked with Lewis & Clark Law School data to help a team change Oregon State Legislature Bill SB 751 to modify the definition of 'disclose' <https://law.lclark.edu/live/news/46348-criminal-reform-justice-clinic-successfully>

Wacom

January 2015 – August 2017

Senior Business Intelligence Solutions Specialist – US, Japan & Western Europe

Senior Business Intelligence Solutions Specialist for a team that supported the OneWacom enterprise-wide project.

- Developer for a cloud data warehouse from the ground up for a \$660M enterprise: including application development, data engineering, and MDM unifying data worldwide.
- .Net applications for data pipeline and API management with DBA, and advanced SQL scripting.
- Selected to lead, assembled, and strategized multinational sub-project teams (selecting from a pool of 30-40 each with different skill sets and strengths) to build business visions via matrix management.
- Azure DevOps, API Management for data pipelines using .Net to consume data, SQL, and Visual Studio
- Managed full-stack development and standardization (SQL / ETL / SSIS / ELT / TFS / MDS / SSAS) of BI

Multnomah County Health

August 2012 – January 2015

Senior Data Analyst

Senior Data Analyst for county government serving 735,334 residents, including state's largest city for healthcare and internal medicine. Led team of eight Data Entry Specialists in all stages of delivering reporting for the department for healthcare with Epic Systems and Sap data. Full life cycle lead for process improvements and BI initiatives.

- Implemented data architecture solution, created standardized workflows, best practices, and upgraded reporting, leveraging new tools for dashboards, and reducing turnaround time from 6 hours to 5 minutes.
- Selected by the county to lead a pilot program to standardize and upgrade Access to SQL; Collaborated with 30 members of management, staff, and Data Scientists to define KPIs, metrics, data sets for data mining, and goals.
- Modernized department's BI by creating a solution to move from legacy Access install to a full-stack BI solution integrating with multi-server data warehouse, advanced reporting tools, and best practices.
- Key member of the development team of ASP .NET web application with TeamCity for CI/CD.
- Mentored four peers in Business Intelligence skillsets teaching SQL, SSMS, & SSRS.

Clario

August 2007 – August 2012

Clinical Operations Associate – Data Science

Promoted to Clinical Operations Associate within five months for clinical sites supporting late phase pharmaceuticals for Fortune 500 firms worldwide using medical devices. Led in a multifunctional capacity as a direct supervisor.

Applied data science and computational statistics to manifest data trends and observations into daily life context for pharmaceuticals, including t-tests, cusum, coefficient of variation, Shewhart chart, mean, baseline, intervals, and analysis.

- Generated data and statistical analytic reports used and published in FDA drug trials.
- Data engineered into SQL database via ETL to conform to universal format for structured and unstructured data.
- Managed data gathering from leading pharmaceuticals (Amgen, Gilead, Merck, GSK, Takeda, Roche) and Salesforce.

EDUCATION

Bachelor of Science, Major: Biology

Oregon State University, Corvallis, OR