**JOHN A. STEINBECK, JR.**

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**PROFILE**

* Highly skilled and accomplished Data Architect with expertise in data management, data governance, master data management, warehousing, and business information models.
* Work with clients on database modernization, optimization and utilization to facilitate strategic planning and business solutions.
* Strong focus on the design and management of complex data systems and data analysis to support data integration and knowledge management.

**COMPETENCIES**

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| --- | --- |
| * *Strategic Planning* | * *Digital Transformation* |
| * *Project Management* | * *Cross-Functional Communication* |
| * *Goal Setting/KPIs* | * *Business Information Strategies* |
| * *Data Modeling* | * *Thought Leadership* |
| * *AI-Driven Insights* | * *Continuous Quality Improvement* |

**EDUCATION**

**UNIVERSITY AT BUFFALO,** Buffalo, New York

***Pursuing a dual Master/PhD*** *in**ONTOLOGY*

**KENT STATE UNIVERSITY,** Kent, OH

***Pursuing a Master’s Degree*** *in LIBRARY & INFORMATION SCIENCE/HEALTH INFORMATICS*

***Expected Date of Graduation 2026***

* ***Relevant Coursework: Taxonomy, Ontology, Semantic Analysis & Metadata Architecture***
* ***Research Interests: Concept analysis for curating and developing a thesaurus of well-defined business terms for use in designing an ontology, taxonomy, roles, and knowledge as a verb represented within a concept map; bridging the communication gap; and for organizing, storing and designing a data lake ecosystem with Data Vault 2.0 (a common warehouse architecture, methodology and model framework) for information management and governance documented and discoverable through a data catalog.***

**UNIVERSITY OF ARIZONA,** San Diego, CA

***Bachelor of Arts*** *in LIBRARY SCIENCE & MEDIA,* 2021

* ***GPA 4.0***

**CERTIFICATIONS**

***SnowPro Core Certification,*** 2023

***RDF and SPARQL,* Udemy, *Credential ID UC UC-a6741ccc-e4ff-4680-821b-3182cd604825,*** 2022

***Data Vault 2.0 Practitioner,* CDPV2,**2020

***Taxonomy and Metadata Specialist Certification,* AIIM International,** 2020

***Semantic Web Associate,* Semantic Web Company GmbH, *Credential ID 01869,*** 2019

***Ontologies for Business Analysis (Protégé),* Udemy, *Credential ID UC-GUGIVHXQ,*** 2019

***Practical Knowledge Modeling,* Udemy, *Credential ID UC-L8C6HVAG,*** 2019

***Six Sigma Yellow Belt,* Wake Technical Community College,** 2018

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***Resumé (Continued)***

**KNOWLEDGE DOMAIN**

***Data Management, Data Governance, Data Catalog, Reference and Master Data Management, Data Warehousing, Ontology, Taxonomy, Data Vault 2.0, Conceptual/Logic/Physical Modeling, Business Information Models, Semantic Architecture, UX, Health Informatics***

**TECHNOLOGIES**

***Protégé; TopBraid EDG; WhereScape; Vaultspeed; Coalesce; dbt; Pebble/Jinja2; SQL (TSQL, PL/SQL); Snowflake; Salesforce; DBAmp; .NET; VBA Developer; Microsoft Office Certification; ellie.ai; Intralign; SPARQL; RDF***

**WORK EXPERIENCE**

**7RIVERS, INC., *formerly Performance G2),*** North Richland Hills, TX **2022 – Present**

***DATA VAULT 2.0 ARCHITECT, Data Integration Strategies***

* Expand technical skillset with tools such as WhereScape, VaultSpeed, Pebble/Jinja2, dbt cloud, Coalesce, and Business Information Modeling tools like ellie.ai.
* Engage in daily team discussions, sharing learning sand insights and fostering a collaborative learning environment.
* Guild clients in their data warehouse journey through understanding and modeling their business through concept models and defining business terms and concepts to build their Data Vault 2.0 warehousing solution.
* Explore augmented AI applications to enhance data integration and support clients’ solutions, with AI-driven insights to improve data modeling and business information strategies.
* Establish client-focused partnerships.
* Align data management, data modeling and integration with clients’ needs and objectives.
* Provide value-added services to earn and retain clients’ loyalty.

**BIOLOGICS BY MCKESSON, *Specialty Pharmacy,*** Cary, NC **2012 – 2022**

***DATA ARCHITECT, Strategic Information Group (SIG)***

* Supported expansion from 90 to 500+ employees.
* Provided thought leadership on database modernization, optimization and utilization.
* Oversaw migration from multiple source systems into one dispensing source system and integration to Snowflake as the Data Warehouse/Data Lake, Tools: SQL Server 2008/12, SSIS, Informatica, Dell Boomi, MuleSoft, Toad, DBeaver.
* Led crisis-managed Salesforce.com implementation was plagued with issues that caused staff to circumvent workflow.
* Assisted with moving Salesforce.com to the cloud and ensured smooth information flow between systems.
* Facilitated upgrades to maximize end-users’ value and advised on features’ advantages.
* Took the lead with electronic data interchange (EDI) ANSI X12 format regarding rule disparities in inventory calculations for the 852 and expanded its use to the 850, 810, 855, and 856 working with EDI map developers providing coherent requirements.
* Worked on digital transformation strategy (pharmacy dispensing software) and developed the proprietary integration layer to import >500 patients’ data daily form Salesforce, third party vendors, and other internal case management software, saving time, money and productivity and significantly improving data quality.
* Designed real-time model data warehouse structure, creating workflow process stages for reference data and metadata management to align the metadata and semantic mapping of events for clients to meet contractual reporting requirements effectively.
* Used project management skills to work cross-functionally with multiple stakeholders.
* Built consensus and support for shared goals.
* Utilized Key Performance Indicators (KPIs) to track actual performance versus goals.
* Served as a catalyst for positive change and new ideas.

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***Resumé (Continued)***

**WORK EXPERIENCE *(Continued)***

**PNC BANK/PNC BANK MORTGAGE,** Dayton & Cleveland, OH **2010 – 2011**

***DATA GOVERANCE RISK ANALYST*** *4/11 – 12/11*

* Recruited for telecommuting assignments that encompassed mentoring database developers, bolstering security and identifying database/data mining opportunities to influence business decision-making.
* Oversaw the risk assessment of Access databases’ processes, resolved security risks and added permission-driven protocols for the mortgage business.
* Conducted user testing, participated in a live launch to fix anomalies, and was applauded by clients for dramatic productivity increases, Tools: VBA, ADO, Excel, SQL, SSIS.
* Proposed management structure to bridge the gap between Business and IT with committees that maintained continuity and governance to comply with applicable laws and regulations.
* Implemented resolutions transferring Access table backends to SQL Server secure environment and governance.
* Enhanced procedural VBA logic to speed up transactions and development times.
* Built collaborative relationships with all stakeholders.
* Operated in a deadline-driven environment.

***REPORTING SPECIALIST, functionally DATA ARCHITECT*** *7/10 – 3/11*

* Collaborated with Recruiters and Managers nationwide to leverage data intelligence that improved candidate hiring and tracking processes.
* Collaborated with the IT Director to heighten awareness of available strategic information through data warehousing and mining.
* Created an Access database for developers of all experience levels to respond to current and anticipated needs quickly, Tools: VBA, ADO, Excel, SQL.
* Profiled and designed conceptual, logical and physical models to data warehouse all events and dashboards for executives to track candidate and recruiter’s progress.

**UNITED STATES AIR FORCE,** Indianapolis, IN **2009 – 2010**

***DATA ARCHITECT***

* Collaborated with human resource professionals while developing stages and process flows to make database system more efficient and effective when recruiting, hiring, and onboarding service members into active-duty positions.
* Interviewed and shadowed Recruiters/Officers to understand missing functionality and barriers in current methods and identified solutions, Tools” Microsoft Access, VBA, ADO, Excel, Word, SQL, and Visual Studio.