

JOHN LARSON

Data Management | Data Architecture | IT Leadership

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Summary

Director of Technology with 20+ years in leading enterprise data and infrastructure teams. Delivered **\$25M+** in cost savings through strategic M&A consolidation, platform migrations, and vendor optimization. Lead teams of 16 data professionals across SQL Server, DB2, PostgreSQL, Hadoop, Informatica managing 4000+ databases, 3 data warehouse clusters, and 2,000TB+ data. Healthcare IT domain expert (HIPAA, HITRUST, CMS). Expanding into AI integrations and agent-driven automation.

Key Achievements

💰 Cost Savings Achieved

\$20M+ infrastructure cost savings through M&A database consolidation
\$5M+ annual savings from platform optimization
\$600K annual vendor contract savings through renegotiation



Operational Improvements

83% improvement completing team deliverables
61% reduction in operational impacts
21% reduction in incidents; **10%** reduction in outages
400% improvement in client data load processing time



Infrastructure Consolidation and Migration

600TB enterprise data migration across platforms
2,000TB enterprise data migration from on-prem to private cloud

CORE COMPETENCIES

Leadership:

Data Architecture & Management • Database Administration • Strategic Planning • Full Lifecycle IT Project Management • Budget & Vendor Management • Team Leadership • Executive Communications • Change Management • Stakeholder Relations • Risk Management • Resource Allocation • Disaster Recovery

Technical:

SQL Server • DB2 • MySQL • PostgreSQL • Supabase • Snowflake • Hadoop • SSIS • Databricks • Informatica • Informatica B2B • n8n • SSRS • PowerBI • Tableau • Data Pipeline/ETL/ELT • Data Governance • DataOps • Cloud Migration • AI/ML Integration • LLM Agent Development

Domain: Healthcare IT • HIPAA • HITRUST • CMS Compliance • Scaled Agile (SAFe) • Very Large Datasets

Experience

LuminalData Consulting

Consultant

10/2023 - Present

- Partner with clients to design, optimize, and modernize data architectures—including modeling, query performance tuning, and platform selection.
- Conduct data governance and security audits, ensuring compliance with industry standards and best practices.
- Advise stakeholders on identifying and resolving data bottlenecks that impact business operations.
- Continuously advance expertise in emerging database technologies, cloud platforms, and AI/ML integrations.

Gainwell Technologies

Irving, TX

Director of Technology

04/2021 - 08/2023

- Continued Director of Technology role post-HMS/Gainwell merger, overseeing two teams driving excellence in data & database services.
- Expanded team scope to include ML solutions and AI-adjacent workstreams.
- Planned and executed M&A cost reduction strategies across overlapping department domains.
- Led successful migration of 600TB+ data across the organization's data domain.
- Delivered projected \$5M+ annual savings from infrastructure platform consolidation.
- Negotiated \$600K+ in annual vendor maintenance contract savings.
- Guided teams to reduce incident rates by 21% and data services outages by 10%.

Experience

HMS

Irving, TX

Director of Technology

08/2019 - 04/2021

- Led two teams in data initiatives and architecture strategy, delivering solutions to 10+ business units.
- Improved cost efficiency and regulatory compliance (HIPAA, HITRUST, CMS) through standardized processes.
- Implemented Scaled Agile (SAFe) for project management, boosting cross-team collaboration and market speed.
- Developed and launched a new delivery services group, improving time-to-market by 15%.
- Established new KPIs within ServiceNow for executive leadership, reducing deliverable response times from one month to five days.
- Communicated database and data services status, deliverables, and goals to executive leadership.

HMS

Irving, TX

Senior Database Manager

12/2018 - 08/2019

- Led two teams of 12 DBAs managing SQL Server, DB2, Teradata, Sybase, MySQL, and PostgreSQL.
- Oversaw 4,000+ databases with 800+ GB of data – responsible for strategy, architecture, maintenance, and optimization.
- Conducted disaster recovery planning, audits, and cross-unit collaboration for application support.
- Drove M&A database infrastructure consolidation, delivering over \$20 million in cost savings.
- Built and deployed database scorecards tracking key performance metrics, reducing developer errors in production deployments by 20%.
- Implemented new monitoring tools for SQL Server, reducing operational impacts by 61% and revenue loss by 30%.

HMS

Irving, TX

Database Manager

06/2016 - 12/2018

- Led SQL Server team of 6 DBAs managing all corporate services, 2,000+ databases, 400+ GB data.
- Optimized database performance, ensured security, and collaborated across business units.
- Contributed to a Finance department analysis of historical data for financial audit – work that prevented over \$1 million in potential liabilities, recognized with the Galen D. Powers Award.
- Implemented operational reporting for SQL Server monitoring, improving outage and issue response times by 18%.
- Helped Claims department validate EHR data imports, improving client data load process by 400% – reducing processing time from over 2 hours to 30 minutes.

HMS

Irving, TX

Senior Database Administrator

12/2012 - 06/2016

- Led architecture, installation, and maintenance of 1,500+ databases for Commercial/CMS divisions.
- Managed SQL Server disaster recovery, security, and compliance operations.
- Developed ETL/analytics solutions using SSIS and SSRS.
- Trained staff on SQL procedures, policies, and best practices.
- Created a custom monitoring tool suite using PowerShell and SSRS—including year-over-year storage growth models, improving storage capacity reaction times by 25%.

Education

Minnesota State University, Mankato

1995 - 2000

Studies in Management Information Systems

Certifications

SnowPro Core — Snowflake

Awards

 Galen D Powers - HMS, July 2017

Highest company award recognizing outstanding demonstration of company values: customer focus, integrity, collaboration, accountability, and innovation.