

Delivery Leadership, Enterprise Data Architecture, and Data Governance

Delivering Value

- Designed and built the data technology roadmap for a US bank, including full analytics support using big data (Hadoop, Mongo, Cassandra), realtime fraud monitoring, workflows, and websites (Oracle).
- Guided company execs concerning use cases, digital capabilities, and opportunities to drive the business. Migrated to new platforms, deprecated existing services and enhanced all controls.
- Built and developed teams to implement and support the environments and applications.

Demonstrated Leadership

Drove solutions for availability, security, and scalability. 25+ years in solutions delivery leadership. Industry leader with 19 books published by McGraw-Hill.

Drove the pilot and implementation plans for the digital transformation of the bank. Implemented modern architectures and control practices for scale and security.

Led 100+ developers, architects and PMs across 14 distributed agile teams.

Awards and current civic leadership:

Oracle Magazine Consultant of the Year, for leadership of database recovery efforts for WTC on 9/11.

Barclays Chairman's Award for leadership. Bone marrow donor, 2010, led donor drives since.

Board member, LCS, running 14 food pantries and funding homelessness prevention, 2014-present.

Professional Experience

Barclays US Consumer Bank**2007-2020**

In the following roles, collaborated with executives in Technology, Strategic Analytics, Fraud, Marketing, and Finance to develop strategies and drive innovative data solutions for customers and the business.

*Director, Enterprise Engineering**(2019-2020)*

- Conducted full-stack technology resilience reviews, and integrated control remediations into cloud migration efforts.

*Senior Director, Information Delivery**(2014-19)*

- Designed and built the enterprise data fabric for the US business; drove the global data architecture. Implemented big data & NoSQL (Hadoop, Cassandra, Mongo) and relational (Oracle) systems.

- Led 14 distributed agile development teams, and worked across a matrix organization to execute projects for major partner launches while delivering significant availability and security enhancements and increasing portfolio size and product offerings. Drove enterprise performance analysis projects, cross-functional teams, and related training for delivery and operations groups.

*Chief Data Architect**(2016-18, concurrent role)*

- Built the US business's Chief Data Office and its capabilities and outcomes.

- For CCAR, BCBS 239, and CCPA, restructured and automated data governance & reporting practices.

*Data Engineering Group Lead**2007-2013*

- Reengineered, stabilized, and administered legacy systems. Migrated legacy applications to modern data platforms and moved from legacy data centers to shared locations and cloud architectures.

Professional Experience, continued

Electronic Ink**2006-7***Director of Technology*

- Directed a startup group providing design, implementation, and maintenance services for applications in addition to Oracle application design, tuning, and security consulting.

TUSC**2001-06***Senior Technical Management Consultant*

- Led teams in the design, development, implementation and tuning of OLTP and data warehouse projects for custom and commercial product installations, usually for VLDBs.
- Designed and implemented database support organizations and process flows for clients in the finance, telecommunications, energy, and pharmaceutical sectors.

Kevin Loney Consulting, LLC**1999-2001***Principal*

- Testified as an expert witness in hearings regarding Oracle-based application development.
- Performed security assessments to evaluate potential database vulnerabilities.
- Designed, implemented, and tuned the database loading and administration processes for customers in the utilities, financial, telecommunications, and pharmaceuticals industries.

Astra US**1993-99***Enterprise Database Administrator*

- Designed and implemented enterprise data architecture, database security, tuning, monitoring, planning, and control procedures in a rapidly growing multi-billion dollar company.

Centocor/J&J**1991-93***Senior Database Administrator and Manager, Research Systems***Day Data Systems/Dupont IEA****1990-91***Advanced Software Engineer, data warehouse design and implementation***Locus Inc/Kaman Corp****1986-90***Systems Developer, technical writer, and database administrator*

Major publications (all books published with McGraw-Hill)

ORACLE: The Complete Reference - 7 editions.

ORACLE DBA Handbook - 6 editions.

Advanced ORACLE Tuning & Administration - coauthor, 2 editions.

ORACLE SQL & PL/SQL Annotated Archives - lead author, 2 editions.

Oracle Performance Tuning Tips & Techniques - coauthor/reviewer, 2 editions.

Certifications and Education

Lead editor for the first Oracle DBA Certification Exam. Certified AWS Cloud Practitioner.

B.S. in Mechanical Engineering, 1986, Virginia Tech, Blacksburg, VA.

Post-graduate work at Penn State in data management systems design, LANs, human factors, computer systems security, and ISO 9000.