

Summary

Dr. Klauer is a Strategic Information Architect who provides guidance to C-Suite executives and IT Management for mid-size companies to large institutions in a variety of industries. She emphasizes design to minimize impact on current process and accelerate delivery of value for business users by establishing innovative architecture, process and platform that delivers the value of Big Data in the enterprise. She is co-author of 'Building A Data Warehouse for Decision Support', published by Prentice Hall and created Front End First™ an agile methodology for implementing successful Business Intelligence and Big Data initiatives into enterprise environments that fast-track delivery while dramatically cutting costs.

Strengths

Information Architecture
Data Warehouse
Master Data Management (MDM) Architecture
Data Quality

Business Intelligence & Analytical Reporting
Data Governance Framework & Methodology
Customer Relationship Management (CRM)
Big Data Program Management

Advisory Positions, Speaking & Publications

- Board of Director & Advisor – technology startup using Big Data architecture for a PaaS embedded sensor technology product 2012 - Current
- Architect and Advisor – business and technology startup leveraging Big Data technologies to provide integrated analytics platform for entrepreneurs and investors 2013 – Current
- Enterprise Data World – Presenter: "Front End First: A Fresh Approach to Building BI Solutions" 2013
- Radiant Advisor – [Using "Front End First" Methodology to Bridge the Communication Gap Between Business and IT](#) 2012
- 'Building A Data Warehouse for Decision Support', published by Prentice Hall – Co-Author

Skills

- Information Architect designing end-to-end information frameworks and roadmaps to support Analytics, Data Integration, Data Warehouse, MDM, CRM and SOA Information Services delivery.
- Strategic Advisor and Program Manager for Big Data programs supporting strategic applications in healthcare, banking, biotech, telecom, financial services, manufacturing, and government organizations.
- Author of Front End First™ methodology for building Business Intelligence environments that integrate Big Data technologies with traditional platforms. This approach establishes a Data Discovery Process that promotes Business-IT collaboration, improves data quality and promotes data management while dramatically cutting costs. Ideal for introducing new technology, external data, innovative tools and techniques and partnering with business to accelerate their initiatives in a managed environment.
- Facilitator with extensive experience in diverse company cultures and management frameworks encouraging collaboration, leadership and responsibility at every level. Strong communication, facilitation and presentation skills fostering mutual respect and cooperation between business and technical experts.



- Trainer who has educated hundreds of professionals in a rigorous, business-driven methodology for data warehouse architecture, data quality and governance, data modeling and database design.

Experience

Eclipse Data Systems

1997 - Current

CEO

Responsible for business development, proposals, project and account management for Fortune 500 clients. Establish and sustain relationships with senior executives, give presentations to industry organizations, maintain vendor relationships and network with experienced and knowledgeable colleagues in the industry to provide the highest level of client service. Developed Front End First™ and 'Terra Firma' Business Intelligence Methodologies. Design Data Warehouse Architectures, organizational structures and procedures, facilitate business requirements sessions, develop and deliver courses and presentations, coordinate and manage development projects specializing in enterprise-wide data warehousing projects.

First Republic Bank

2014

Information Architect

Reviewed existing data architecture, reporting framework and process for Private Wealth Management group. Developed an Information Model for communicating cross-system data access and management. Provided guidance on data management needs for strategic implementations.

Boulder Community Hospital

2013

Information Architect

Lead a comprehensive information management assessment interviewing 90 medical and professional hospital personnel, provided a Business Intelligence framework design, Data Governance Recommendations and Roadmap that will deliver financial, operational and clinical dashboards improving performance, patient flow and data integration services across multiple locations, clinics and facilities.

Pacific Union Financials

2013

Strategic Information Architect

Provided strategic and detailed recommendations for developing a Business Intelligence platform for a mortgage company that has a strong focus on performance management. Launched initial architecture development using the Front End First™ methodology.

Fidelity Investments

2013

Strategic Information Architect

Performed an assessment of Workplace Investment Information Architecture that supports over 100,000 operational client users. Provided a comprehensive Integrated Information Architecture, Data Governance and MDM Roadmap to support strategic business delivery for C-Suite clients.



University of Minnesota Masonic Cancer Center

2009 - 2012

Strategic Adviser & Enterprise Information Architect

Working closely with members of the leadership team, performed assessment of the information and systems architecture to support a cancer research center that performs scientific research and conducts clinical trials specializing in bone marrow transplants in addition to a wide range of preventative and epidemiology studies. Interviewed Cancer Center leadership, researchers, administration, staff, other industry professionals to determine best practices and appropriate roadmap. Responsible for developing and presenting a strategic vision that included system and information architecture, tools recommendations, roadmap, budget and program management approach. Using Front End First™ methodology, successfully implemented information architecture, developed processes, designed architecture and delivered solutions to support highly dynamic cancer research requiring inter-organizational and multi-institutional data sharing with rigorous security, data governance and compliance requirements.

Genentech (Roche)

2007 - 2008

MDM & Data Warehouse Solutions Architect & Engagement Manager

Led a team responsible for planning, analysis and design of a Strategic Information Architecture. Established a Data Integration Hub with real-time Master Data Management (MDM) implementation using Siperian integrated into a service-oriented architecture (SOA) environment with Salesforce CRM, Portal, Managed Care and Contracts applications as well as Data Warehousing and Business Intelligence reporting for the commercial division. Developed data and process flow and recommended strategic reporting architecture to support the Sunshine Act.

RH Donnelly - Dex One

2005 - 2006

Strategic Advisor & Information Architect

Performed a Data Warehouse assessment for a multi-terabyte data warehouse supporting the sales, marketing, finance and operations dashboards, ad hoc queries, campaign planning, analytics, reporting and data mining requirements for a telephone directory publisher. The company was acquired forming a multi-billion dollar business requiring significant re-architecture to support scalability, performance and support for online directory publishing. Developed a white paper on managing data as a corporate asset and the need to re-architect the system to support digital directory publishing. Lead the integration team to develop the strategy, roadmap and implementation plan that will support a diverse marketplace, multiple delivery channels and a 3x system that can scale to support the company's acquisitive appetite. Conducted extensive evaluations for data warehouse appliances and ETL Tools to support scalability, performance and flexibility required for the strategic direction.

Wells Fargo Bank

2003 - 2005

Data Warehouse Architect & Engagement Manager

Performed an assessment and delivered recommendations for data warehouse architecture to support the Business Banking Division. Built out an organization and implemented a data warehouse program that provided a state-of-the-art data quality, data integration architecture and reporting platform. Assembled and led a team of expert data warehouse consultants and developed strategy, architecture, methodology, provided staffing and ongoing management of a multi-year roadmap to deliver data for risk analysis, marketing analytics, cross sell opportunities, financial reporting and campaign management.



Marconi Communications, Inc.

1999 - 2001

Enterprise Information Architect & Engagement Manager

Won a competitive bid against leading Data Warehouse consulting firms to provide comprehensive enterprise-wide information architecture for Marconi, an international telecom company headquartered in London, UK. As lead Data Warehouse Architect responsible for developing a Global Data Warehousing strategy designed the architecture and established the infrastructure including tool selection, organization development, methodology and processes for data warehouse development and production management. Launched international projects for Product and Customer MDM. Led a team of technical architects, project managers, ETL developers, data modelers and DBAs responsible for integrating data from multiple ERP systems in several locations throughout Europe and North America. Interfaced with senior management and business users throughout the organization to understand business objectives and integrate their current data warehousing architecture into an enterprise wide Marconi Information Technology Strategy.

US Bureau of Land Management - Department of Interior

1998 - 2001

Enterprise Information Architect & Strategic Adviser

Performed an extensive system review for a multi-million dollar project facing production implementation obstacles. Analyzed the technical and data architecture, reviewed the data model and the data conversion strategy and interviewed 50 employees and contractors. Delivered a report describing the risks and issues with the proposed system implementation and made recommendations for a contingency plan, data quality and a data management plan as well as a proposed alternate system implementation. Delivered recommendations and provided consulting to the BLM director's office in Washington DC. Responsible for over-seeing multiple projects and activities based on the bureau's adoption of the system recommendations that included establishing an extensive data quality program, developing an OLTP system and delivering a data warehouse for reporting that supports hundreds of users in 30 locations around the country with public kiosks in each location.

Additional Client List

Fireman's Fund Insurance Company
American Association of Insurance Services – AAIS
First Boston Corporation
Xtra International Leasing
United Nations Development Programme
Barclays Bank

CIBC-Wood Gundy
NCR
Swiss Bank
Amdahl Corp.
Logic Works (ERwin)
Seer Technologies

Education

- Doctor of Chiropractic, BS Human Biology, Cleveland Chiropractic College, Los Angeles, CA
- CA State Board Licensed Chiropractor, MA State Board Licensed Chiropractor
- California State University, Dominguez Hills - Pre-Med, English Literature
- Computer Courses - MIT, Boston University