

NANCY SCHAFFER

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PROFESSIONAL BACKGROUND

Nancy has over 20 years of experience in Data Strategy, Business Intelligence and Analytics, and Information/Data Management, including data warehousing, relational database design and development. She has an in-depth understanding of data modeling, star-schema design, ETL tool design and implementation, enterprise reporting solutions, requirements analysis, development, testing, deployment, training and documentation.

Nancy most recently functioned as a data architect and design team leader for several data warehousing projects. She has considerable IBM Cognos Business Intelligence experience creating data models, summary tables, complex reports, cubes and jobs, as well as installation, training and testing. Her technical and communication skills also make her a very effective mentor.

SELECTION OF RELEVANT EXPERIENCE

DATA ARCHITECT AND DEVELOPER FOR SPECIALTY BUSINESS UNIT DATA MART FOR INSURER

Nancy currently works on a mature data mart using SSIS and is in the process of architecting a solution to move to Snowflake and Informatica. She spends considerable time working with 3rd data Marketplace data, internal IT resources, business resources and mentoring team members.

Nancy designed and developed a data mart for another business unit using Snowflake and Informatica Data Management Cloud and Cloud Data Integration (CDI), allowing several different source systems to be joined together for analysis and reporting. Snowflake and Informatica Cloud were new to the company, so standards and procedures are being developed simultaneously.

ETL / DATA WAREHOUSE ARCHITECT FOR A PAPER MANUFACTURER

Nancy worked on a project to eliminate a stand-alone reporting system bringing the data and analytics into the data warehouse. She acted as a Scrum Master and well as an architect and developer. She worked with sales to create reports and created and delivered training to business users using IBM Cognos Analytics. She created SQL procedures and Informatica workflows to load data as well.

Nancy architected a project to combine two manufacturers' source systems and data warehouses together to provide consolidated reporting. Creating a single source of dependable and accurate sales and manufacturing information with consistent data definitions and a flexible self-service reporting environment. She is involved in all design and most ETL development as well as reporting content and administration.

Nancy created and led the training for 140 users throughout the country who were trained in IBM Analytics. Nancy's initial project estimate was on-budget. Later phases introduced new functionality such as dashboards, integration with MS Office tools, and disconnected reporting. Nancy's responsibilities involved

Industry Experience

- Financial Services
- Health Care
- Aviation
- Insurance
- Credit Cards and Finance
- Forest Products and Paper Manufacturing

Functional Expertise

- Accounting
- Credit Reporting and Analysis
- Manufacturing
- Sales
- Transportation
- Purchasing and Materials
- Insurance
- Retail

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SELECTION OF RELEVANT EXPERIENCE

DATA AND TEST ENGINEER FOR A MOLECULAR HEALTH CARE DIAGNOSTICS FIRM

Nancy works in the Enterprise Data Management (EDM) team in multiple roles including data engineering, business analyst, and QA engineer. The EDM team supports the organization's programs and business operations through data acquisition and storage to data integration and analytics. EDM serves both the technology organization as well as functional areas of the business, including Finance, Accounting, Marketing, Sales, Billing, and Customer Service. The EDM scope includes data required for decision support, business intelligence, governance, customer relationship management, data warehousing, meta-data repositories, operational data stores and reporting using Qlik and SSRS. As a Data Test Engineer, Nancy is involved in all areas of EDM including the design and development of processes used to enable Myriad leadership and general users to make informed data driven decisions as well as reviewing all code before being promoted to production.

IBM COGNOS REPORTING ARCHITECT FOR A LARGE FINANCIAL SERVICES FIRM

Nancy worked in the Corporate Systems and Operations (CSO) organization within the world's leading provider of services to institutional investors to provide design, development, training, and mentoring using Cognos Business Intelligence Reporting tools. Nancy worked directly with business users and internal and off-shore IT resources. She provided Cognos Modeling design and development to hide the complexity of the transactional system including row level security, as well as Report Studio standards and development. She trained and mentored business and IT personnel in Cognos Connection, Report and Query Studio. Additionally, she worked with Cognos Support to provide troubleshooting to various issues.

Additionally, she provided six months of design, development, training and mentoring using Oracle's OBIEE reporting tool including integrating a new data model into the existing PeopleSoft RPD Catalog, creating Informatica and DAC objects, and creating Interactive Dashboards and drill down capabilities using global filters.

DESIGNER / DEVELOPER, ENTERPRISE DATA WAREHOUSE FOR MAJOR INSURANCE COMPANY

Nancy provided design and development expertise within the IT Business Intelligence department of a major insurance company. She assisted with the improvement and creation of processes used to move data from source systems to the data warehouse; designing summarized fact tables and process for agency reporting, and designing and enhancing several custom data systems used to provide agency bonuses. Nancy worked directly with many departments including Agency Accounting, Accounting, and Sales to define requirements, development, system test, document and training. DataStage and DB2 were used with IBM AIX Servers as well as Actuate for reporting.

ARCHITECT, DATA WAREHOUSE FOR AN AIRCRAFT ENGINE MANUFACTURER

Nancy served as the data architect and developer for a data warehouse implementation using Cognos. She facilitated requirements gathering sessions and designed and implemented solutions using Informatica, Oracle, PL/SQL, Unix Scripting, Cognos Impromptu, PowerPlay, Upfront, Impromptu Web Reports, Visualizer, and ReportNet. She converted existing Impromptu reports and catalogs to ReportNet. She also participated in the design and development of a reporting strategy using Crystal Reports integration with IFS (Industrial and Financial Systems), which is a large ERP tool..

Technology Expertise

- SQL Server | Snowflake | Oracle | DB2
- Informatica | IDMC | Data Stage | SSIS | PL/SQL
- IBM Cognos Analytics | Microsoft Power BI | SSRS | Qlik | Cognos Modeling | Crystal Reports

Methodologies

- Dimensional Database Modeling
- Logical Data Modeling
- Physical Database Design
- Agile/Scrum/SAFe
- Business Analysis
- Software Development Lifecycle
- Process Modeling

Certifications

- M.B.A. Management | Miami University
- SAFe for Teams | 2020
- Professional Scrum Master I 2015
- Professional Scrum Product Owner I 2016
- Cognos Authoring Product Professional | 2005
- Certified in Cognos Modeling | 2005

