ENTERPRISE DATA ARCHITECT

Consultant,Enterprise data architect

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EXPERIENCE

Enterprise Data Architect
ExxonMobil

01/2020 - Present
Houston

- Optimized data ingestion: Employed IQM for pre-ETL data cleansing and transformation, ensuring high-quality data feeds into the Enterprise Data Warehouse (EDWh).
- Architected robust data models: Designed fact tables, dimension tables, and aggregate tables for the EDWh, reducing data redundancy by 75% and improving data analysis performance by 25%.
- Enhanced data performance: Collaborated with Data Modeler and ETL Architect to fine-tune Informatica mappings, stored procedures, and SQL queries, significantly improving data processing speed and efficiency.
- Championed data-driven decision making: Streamlined the EDW structure to enable fast and accurate reporting, increasing the number of data-driven decisions by 50%.

Systems Analyst/Developer
Shell

01/2019 - 01/2020
Houston TX

- Played a key role in the implementation of a new inventory management system, resulting in a 25% reduction in stock-outs and a 15% increase in inventory turnover. This improvement led to significant cost savings and improved operational efficiency.
- Developed and deployed automated data processing scripts using shell scripting, reducing manual effort by 40% and improving data accuracy and timeliness.
- Led the optimization of data processing workflows, resulting in a 30% reduction in processing time and improved system performance.
- Collaborated with cross-functional teams to analyze system requirements and implemented enhancements, resulting in a 20% increase in system uptime and improved user satisfaction.

Consultant, Systems Analyst
Adobe

01/2010 - 01/2012

- Led the implementation of a new customer relationship management (CRM) system, resulting in a 20% increase in sales conversion rates and a 15% reduction in customer response time.   This improvement significantly enhanced customer satisfaction and drove revenue growth.
- Developed and executed comprehensive testing strategies, reducing software defects and ensuring high-quality deliverables.   This improvement led to higher customer satisfaction and reduced post-release support efforts.
- Collaborated with cross-functional teams to design and implement process automation workflows, resulting in a 35% decrease in manual effort.   This automation streamlined operations and reduced costs.
- Implemented robust data security measures, achieving a 98% compliance rate with data privacy regulations and reducing the risk of data breaches. These measures ensured data confidentiality and maintained customer trust.

SUMMARY

Experienced Enterprise Data Architect adept at designing conceptual data models, high-level data flow diagrams, and formulating data strategies. Possesses a strong skill set in conducting impact and risk assessments. Committed to contributing expertise to pivotal data management and architecture projects for organizations.

SKILLS

Drools · ETL · Informatica · Java · Jboss · MS Access · Performance Tuning · POC · SAS · Selenium · selenium webdriver · SQL · SQL Server · Teradata · Unix · Web Services · WebDriver

EDUCATION

Master's in Computer Information Systems

University System of Georgia

01/2013

Bachelor's in Computer Science

University of Texas

01/2004