

Rob M. Rose

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DATA ARCHITECT & TECHNOLOGY PROJECTS MANAGER

Accomplished, versatile technical manager and data architect expert with proven success designing and building database batch solutions, including product rollouts, models, pilots, and customer-centric applications. Skilled builder of open and diverse team cultures with free exchange of information and ideas, creating the foundation for optimized performance. Development-oriented professional and leader embracing challenges and pursuing growth and progress in people and technology. A focus for continual growth and working on AWS Solutions Architect Associate Certification.

AREAS OF EXPERTISE

Amazon Web Services (AWS) | Project Operations | Agile Methodologies | Oracle | PL/SQL | Strategic Planning | Database Optimization | Process Improvement | Software Development Life Cycle (SDLC)

CORE ACCOMPLISHMENTS

- Piloted and rolled out Net Promoter Score (NPS) feedback model to Wells Fargo Community Banks, a comprehensive system is used to measure customer satisfaction.
- Redesigned the Incentive Compensation system for calculating incentive payments for Wells Fargo team members in Community Bank. System handles \$200 million in incentives annually. Improved performance 25% and reduced maintenance by 20% with table-driven design.
- Designed and implemented several large-scale applications for the Center for Medicare & Medicaid Services CMS to calculate Hospital Performance and incentives for top performing hospitals.

PROFESSIONAL EXPERIENCE

TekSystems

2/2021 – Present

Sr. Solutions Architect

Analyze and design Health Information System intake application to ingest data in HL7 for Medicaid reporting. Direct AWS Implementation to validate and calculate Medicaid metrics for the State of Arkansas for approximately 500,000 patient visits a week

- Design AWS cloud-based implementation of various AWS Services, including RDS Oracle Instance, EC2, Lambda, S3, and Glacier.
- Design and implement solutions using Apache NIFI, Python, PL/SQL, JSon, and Oracle Database.
- Analyze table growth statistics and provide recommendations to free up disk space.
- Analyze incoming HL7 message and determine how to integrate the files into single claims for long term analysis.
- Aid management in Oracle performance tuning and provide technical training recommendations for Oracle Development staff.

Wells Fargo Bank

3/2016 – 01/2021

Technical Manager/Data Architect

Supervised fully remote 24x7 on-call technical development team of 7 domestic and 3 off-shore (India) developing code for Community Banking and managing 80 incoming flat files in the nightly batch cycle. Successfully orchestrated multi-department rollout of robust, flexible and secure electronic data systems on internal employee compensation, collaborating with internal and external customers to meet deadlines.

- Led effort to analyze nightly batch process which resulted in improving average uptime by over three hours in a span of four years.
- Guided, coached, and led project teams to successfully convert to multiple scrum teams and follow the corporate Agile Transformation Strategy.
- Collaborated closely with internal customers to evaluate system requirements and identify risks such as impact, reputation, and regulatory while providing efficiency recommendations to create a more effective data interaction strategy.
- Served as the only male leader on the Des Moines Women in Technology chapter which had 120 members. Aided in planning several events annually to engage and empower women in technology to ensure equal opportunity and a safe place to discuss concerns and growth impediments.

CSRA Inc.

1/2011 – 3/2016

Sr. Software Development Manager/Sr. Data Architect

Led a solution stack software release team with 15 team members comprised of Developers, Business Analysts, and QA completing foundation tasks for Hospital Quality Reporting (HQR) which reports to the CMS. Partnered with CMS and other vendors to plan and implement CMS Hospital Reporting Initiatives. As Senior Manager, three government contracts for mentoring staff and interns. Coached and managed 20+ technical employees.

- Chaired the Solution Review Board to oversee and approve technical solutions for all new products that were to be designed and released quarterly. Reviewed integration of various technologies and approved/recommended enhancements as necessary.
- Rolled out database architecture with table-driven and configurable ETL/Batch solutions to reduce development time and cost. Designed configurable code to reduce the lines of code by 20%, decreasing both defects and maintenance time.
- Developed proof of concept prototypes to validate design decisions to prove product feasibility in the lifecycle prior to implementation.
- Created data forecasting models and data files to predict future data volumes and performance testing batch data applications for load testing.
- Developed internal process improvement procedures to enhance quality of programming work for database development team.

ADDITIONAL EXPERIENCE**Telligen**

Software Development Manager

Continuing Education and Community Services (CECS), Iowa State University

Conference Database Manager

EDUCATION

Iowa State University, Ames, IA

Master of Science (M.S.), Information Systems

Bachelor of Science (B.S.), Management Information Systems

HONORS

Wells Fargo Gold Coin: Awarded for my redesign of the Incentive Compensation System in 2017

ISU Extension New Professional Award Winner

LEADERSHIP

Central Iowa Diversity and Inclusion Tactical Team (1 year)

Movember Participant (9 Years) raising over \$20,000 USD for Men's Health

Des Moines Oak Leafs High School Hockey

-Board Member (3 years)

-Head Coach (5 years)

-Associate Head Coach (2 years)

Iowa State University Hockey

-Team Captain/President (3 years)