

JEREMY DEYO

SENIOR DATA & APPLICATION ARCHITECT

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Quinton, VA 23141

EDUCATION

🎓 M.S. Information Systems
Virginia Commonwealth University
December 2008

National Honor Society of
Phi Kappa Phi

🎓 B.B.A. Information Systems
James Madison University
December 2003

EXPERTISE

- ◆ Data Architecture / Engineering
- ◆ Data Warehousing
 - ◆ Dimensional modeling, ETL, Amazon Redshift
- ◆ Data Integration / Orchestration
 - ◆ Talend, SSIS, Glue, Informatica
- ◆ Database Design
 - ◆ Star / Snowflake Schemas, De/normalized Structures
- ◆ Data Visualization
 - ◆ SSRS, Logi Analytics, amCharts, Power BI
- ◆ Relational Databases
 - ◆ PostgreSQL, MySQL, Aurora, Microsoft SQL Server
- ◆ Amazon Web Services (AWS)
 - ◆ RDS, DynamoDB, EC2, IAM, Lambda, Elastic Beanstalk, S3, SQS, SNS, CloudFront
- ◆ Programming Languages
 - ◆ Python, Java, PHP, Shell, C#
- ◆ DevOps
 - ◆ Docker, Kubernetes, Git, Jira

PROFILE

Dedicated and highly skilled data and application architect with a Masters in Information Systems and over 20 years of professional experience building world-class products. Many of the top Fortune 100 companies have used my analytics solutions to measure their utilization of billions of dollars in corporate real estate.

WORK EXPERIENCE

Senior Application Architect 2014-Present
Tango Analytics / AgilQuest Corporation

- ◆ Built all components of the data warehouse, including dimensional modeling, data structures and ETL routines.
- ◆ Developed in-house analytics engine giving customers a self-service tool to build custom dashboards and reports.
- ◆ Created a distribution system allowing customers to e-mail reports and dashboards at scheduled times.
- ◆ Designed a data extract utility enabling direct integrations with Microsoft Power BI, Tableau, and other BI tools.
- ◆ Collaborated with executive team and stake holders to map out product strategy and ensure business needs were met.
- ◆ Managed all phases of the software development life cycle.
- ◆ Maintained multiple AWS production environments globally.

Senior Business Intelligence Architect 2004-2014
Virginia Employment Commission

- ◆ Lead the development, delivery, and overall architecture of the agency's data and business intelligence systems.
- ◆ Managed team providing customers with powerful reports and dashboards of key labor market information metrics.
- ◆ Developed nationally-recognized reporting system that was used by the Virginia Governor's office for Workforce Development.
- ◆ Served as agency-lead on the Virginia Longitudinal Data System, a \$20 million cross-agency IT project that won the 2013 Governor's Technology Award.
- ◆ Spoke at several national conferences as a recognized subject matter expert in labor market reporting systems.