

RAJU PILLAI

Information Technology Leader

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+ EMPLOYMENT

Aug '19 – Present

Onyx CenterSource Director for Data Engineering, Analytics and Architecture

Responsible for enterprise-wide data engineering, analytics, and architecture for Onyx. Leading the establishment and execution of an analytical center of excellence for all business units to deliver consistent, relevant data and analytics solution that drive decision making at all levels of the organization. Build and guide a team of highly skilled and motivated data engineers and business intelligence analyst to deliver a strategic and innovate solutions to support data and analytical solutions. Present and provide thought leadership to C-level executives to enable them take better decisions.

Highlights:

- + Lead a cross functional team of data engineers and business intelligence engineers to deliver highly scalable data and analytical solutions that provides deep insights on business revenue, trends, and outcomes.
- + Consistently partnering with the business leadership to design and deliver an enterprise data and analytics strategy.
- + Partner with business to develop strategic roadmap and advice for senior executive leadership team for enterprise and industry level data and analytical initiatives.
- + Provide training and leadership the various business analysts to unify on an enterprise standard for reporting that is scalable across the enterprise.
- + Translate business requirements into data and analytics solutions, facilitating organizational change when appropriate.
- + Partner with the business to establish standards for data governance and data integrity.
- + Successfully spear headed and executed a cloud-based data lake platform project that unified data from multiple business units and domain using highly scalable, flexible, and cost-effective solutions using AWS and open-source technology.
- + Implemented an industry comparative data sharing solution to collaborate with data aggregator to publish industry growth.
- + Provide training and leadership the various business analysts to unify on an enterprise standard for reporting that is scalable across the enterprise.
- + Implemented an intuitive data access layer using modern platform to quickly access large volume of data, improving performance by 300 %.
- + Hired, grew, mentored, and empowered the team to establish career goals and helped achieve them.
- + Presented projects and concepts to C-Level Management.
- + Partner with the business to identify opportunities for growth using a data-driven approach.
- + Technology included AWS S3, EMR, EKS, Glue, Lambda, SQS, Event Bridge, Step Functions, Athena, Snowflakes, and open-source technologies such as delta lake, Python, Apache Spark, Apache Arrow, Dremio, DBT.

+ PROFESSIONAL HIGHLIGHTS

- + Strong leadership professional with vast experience in leading and managing strategic and multidisciplinary projects providing IT solutions and support.
- + Effectively lead and grow a team of highly skilled IT onshore and offshore professionals
- + Created a center of excellence for key BI Dashboard and Reporting initiatives.
- + Optimize operational cost.
- + Migration and consolidation of platforms.
- + Experienced strategist, technologist with a passion of building cost effective and data driven solutions that will empower the business to be leaders in the industry.
- + Experienced in architecting, developing, and executing wide range of database implementation, ecommerce transactional, business intelligent solutions, customer 360 and advanced analytics solutions.
- + Effectively communicate and work with executives and business.
- + Experienced in Insurance, Financial, Hospitality and Marketing industry.
- + Passion for keeping up with emerging technology and the latest IT trends.

+ TECHNICAL KNOWLEDGE

- + AWS
- + Microsoft Azure
- + Data Virtualization
- + Master Data Management Platforms
- + Data Visualization
- + RDMS Platforms
- + NoSQL Platforms

May '06 – Aug '19

Harland Clarke Director for Enterprise Data and Application Architecture

Responsible for Enterprise Data and Application Architecture and managing a team of talented architects. I work closely with the business and senior leadership to create strategic and tactical architecture and solutions to support the business vision. I have successfully designed, developed and implemented many data driven applications and

analytics platform. Established advanced analytics platform to support the various BI and analytical use cases. Spearheaded multiple cross-functional initiative to establish long term roadmaps for the data technologies (including SQL, NoSQL) to improve the availability, scalability, reliability and to better align with the business vision. Established architecture standards and best practice for various tiers of services. Lead and developed several innovative POCs that resulted in new products to the business

Highlights:

- + Architected and lead a cross functional team to implement numerous data driven complex applications on both cloud and on-premises environments that creates a competitive edge to the business.
- + Created highly effective customer graph database utilizing AWS EMR, AWS Glue, AWS Lambda, AWS S3 and TigerGraph.
- + Worked with the business to drive and operationalize analytics solution to monetize data.
- + Architected and developed user predictive analytics using machine learning for ecommerce engine that successfully predicted user behavior and adjusted the products and layout accordingly.
- + Create effective strategic plans, architectural decisions, budget, resource planning, capacity, planning, negotiate contracts and product renewals with vendors.
- + Established data governance and management program to enable business to easily find and understand the data , support CCPA, GDPR and PCI compliance.
- + Created roadmaps that aligns and empowers the business for growth.
- + Optimized the marketing data process to improve the competitive edge to the business.
- + Strong knowledge in infrastructure and application architecture.
- + Experienced in supporting solutions used by Business Intelligence, ATG, WebSphere, .NET, J2EE, WebMethods, Spring Framework, PHP, Java Scripts, D3JS, VueJS, Rest APIs, Mainframe and so on.
- + Expertise include MapR, Cloudera, Hive, Impala, MapRDB, Sparks, HBase, Oracle 12c Exadata, DB2 LUW, SQL Server Always On, InfoSphere Guardium, Tableau, RedPoint, Talend, AWS, Azure, Snowflakes, TigerGraph and so on.
- + Effectively managed large number of 24x7 databases by following best practices.
- + Experienced in SOX, SAS70 and PCI audits.
- + Knowledge of TOGAF 9.1 for Enterprise Architecture.
- + Ability to effectively communicate with senior leaderships.
- + Effective collaborate with business and IT executives to create strategies and align data solutions with the business.

+ RECOGNITIONS

- + Employee of the month
- + IT life saver award
- + Superior contributor
- + Top performer award
- + Pillar of Excellence award

Jan 01 – May 06

Lombard Canada Ltd. Lead Technical Database Administrator

Effectively designed and managed hundreds of transactional and analytical databases running on DB2, SQL Server and Oracle. I designed and developed various database systems for optimal database performance. I worked closely with application development and business analysts in converting and rewriting core business application onto DB2 and SQL Server. I architected and

oversaw a project to convert an insurance application from mainframe to distributed client server. Performed various database administration tasks including database object design, developing stored procedures, database reorgs, index rebuilds, data transformations, recovery, replications, index analysis, sql tuning, HADR and so on. I installed and upgraded DB2 on Z/OS and UDB on AIX, Linux and Windows, SQL Server and Oracle 8i on Sun Solaris. Implemented cross platform application and database transactions using db2 federation and db2 connect saving the company over a million dollar.

May 98 – Dec 00

Clarke American Checks Database Administrator

Started as a consultant database administrator and later hired as a permanent employee as a result of top performance. I implemented and managed several database systems that supported large B2C and B2B ecommerce applications. I was one of the early adopters of IBM DB2 cross platform replication systems, I was chosen to work closely with key IBM developers in debugging and set up of the replication product during its early stage. Job role included SQL tuning, index analysis, database object creation, database reorgs, ETLs, production support and more. I performed DB2 maintenance activities like COPY, REORG, LOAD, RECOVER, DSN1COPY, RUNSTATS, REBIND, SQL-LOAD, IMPORT, EXPORT, etc. Supported mainframe and client server applications and developers on design and troubleshooting applications running under DB2 on AIX, DB2 on OS/390 and Oracle.

May 96 – Feb 98

Musaliar Computers Database Programmer

I developed various applications such as order processing, inventory maintenance and CRM modules for cashew processing industry. As a directly result of my work client is generating multiple leads per week generated \$200,000 additional revenue within a year. I wrote smart database extraction and transformation scripts to move data between various database systems.

+ EDUCATION

- + Masters in Information Systems, Oct '08, University of Phoenix
- + Bachelors in Commerce, April '96, University of Kerala

+ CERTIFICATIONS

- + AWS Certified Cloud Practitioner
- + Emerging Leadership Series 2018
- + Big Data Certificate Course from Massachusetts Institute of Technology
- + IBM Certified DB2 Database Administrator for LUW
- + IBM Certified Database Administrator for DB2 Z/OS
- + Certified Course on SQL Server Administration
- + Oracle Administration Workshop