

# RAJU PILLAI

Information Technology Leader

Get in touch with Raju

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## + EMPLOYMENT

May '06 – Present

Harland Clarke Director for Enterprise Architecture

Responsible for Enterprise Data and Business Intelligence Architecture and managing a team of talented data 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 implemented a big data platform and advanced intelligence platform and data practice for the enterprise.
- + Lead and implemented multiple analytics and data solutions using machine learning and big data platforms that are used by large number of internal and external users.
- + Worked with the business to drive and operationalize analytics solution to monetize data.
- + Architected and developed cost effective solution to give in-depth persona about customers across multiple line of business and segments.
- + 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.
- + 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 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.

## + 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
- + Build a metrics driven decision dashboard to help leadership and business.
- + 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.
- + Passion for keeping up with emerging technology and the latest IT trends.

## + PROFESSIONAL SKILLS

- + MapR & Cloudera (Hadoop Stack)
- + MaprDB/HBase
- + Apache Hive
- + Apache Spark
- + HDFS
- + Kafka and Nifi
- + Tableau
- + D3.js
- + Seahorse
- + Talend
- + Linux/Unix
- + Windows
- + Oracle
- + DB2 LUW & Z/os
- + SQL Server
- + MySQL
- + Postgres
- + Cassandra

## 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.

## + RECOGNITIONS

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

## 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

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

## + CERTIFICATIONS

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- + 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