

MUTHUKUMARASAMY RENGANATHAN

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SENIOR DATABASE ADMINISTRATOR

Self-motivated professional with unique combination of skills in database administration and contemporary Information Technology. Fully conversant with the principles of project management. Proactive, results oriented and abreast learner. Core strengths are in:

- Database Administration
- Database Architecture/Modeling
- Database Tuning
- Database Programming

EXPERT IT SKILLS

- Databases Oracle 11g, SQL Server 2012, PostgreSQL
- Programming PL/SQL, T-SQL, JAVA, Objective-C, Shell Script, PowerShell
- Mobile Technology Android, iOS
- ETL Tool ODI (Oracle Data Integrator)
- OS Unix, Linux, Windows 2008

EDUCATION

Advanced Diploma in Management, Nanyang Polytechnic, Singapore, 2003

Post Graduate Diploma in Computer Science, Madurai University, India, 1987

Bachelors of Science (Physics), Madurai University, India, 1986

PROFESSIONAL DEVELOPMENT

Specialist Diploma in Mobile Applications Development, Republic Polytechnic, Singapore, 2013

Specialist Diploma in Computer Networking, Singapore Polytechnic, Singapore, 2009

CERTIFICATION

Certified IT Project Manager (CITPM), Singapore Computer Society, Singapore

RESPONSIBILITIES

Database (Oracle, MSSQL, PostgreSQL) installation, patching, upgrade and migration

Database modeling, configuration and administration (backup, restore and cloning)

Database performance monitoring and tuning

SQL tuning and recommendation for query optimization

CAREER SUMMARY

DBA Consultant

PathInfo Tech Pte Ltd, SINGAPORE .

June 2013 - present

Senior Database Administrator (Client : Schroders Investment Management)

Administering Asset Management Bank's large and mission critical databases in distributed heterogeneous database (SQL Server 2012 and Oracle 11g) environment.

BSI Pte Ltd, SINGAPORE

February 2012 – December 2012

Database Administrator / Data Architect

As a versatile data Architect and DBA, involved in core database design (logical and physical modeling) and development of housing project software for Australia's leading residential housing builder. Application's various business layers, such as modeling, estimation and commissions are seamlessly integrated to provide holistic housing project software using open source technologies.

INTTRA Pte Ltd, SINGAPORE

August 2008 – January 2012

Data Architect / Senior Database Administrator

Leveraged analytic SQL features to process high-volume ocean schedule data. Conducted proof of concept (POC) of oracle data integrator (ODI) ETL tool. Configured, customized and implemented ODI based ETL for Ocean Logistics application.

Singapore Management University, SINGAPORE

March 2008 –August 2008

Systems and Database Administrator

Automated database and server monitoring using shell scripts and PL/SQL packages. Migrated oracle 9i databases to oracle 10g databases.

Media Data Systems Pte Ltd, SINGAPORE.

October 2005 – March 2008

Lead Database Administrator

Configured and analyzed periodical automatic workload repository (AWR) report for database performance tuning and capacity planning. Successfully implemented the oracle data-guard (DG) to protect business critical databases from disaster.

International SQL Star Pte Ltd. SINGAPORE.

October 2004-September 2005

Database Administrator (Client: UBS Investment Bank)

In follow the sun support (FSS) environment, performed extensive Operational DBA tasks, such as Data-Guard setup, database version upgrade, migration, cloning, backup and restoration.

Chartered Semiconductors Ltd. SINGAPORE.
Database Administrator

April 2001 – September 2004

Administered Real Application Cluster (RAC) database for High Availability (HA) application environment. Standardized and automated database server capacity utilization report using Excel Macro with collected server statistics.

W.H Bailey Consulting Pte Ltd. SINGAPORE.
Database Administrator (Client :COMPAQ Asia)

March 1999 – March 2001

Migrated legacy databases and implemented Business Continuity Plan (BCP) for production databases. Ensured successful Y2K transition of legacy VAX/RDB databases in VAX/VMS environment. Standardized system performance and resource utilization report.

Software Consultant

Singapore Network Services Pte Ltd. SINGAPORE.

May 1997 – March 1999

Ventured and explored into contemporary Internet Technologies. Developed 2 Internet based booking applications, such as CARES (Hospital Appointment Booking) and S-HotelNet (Hotel Room reservation) using HTML, Perl, Javascript and Oracle PL/SQL cartridges.

Bell Atlantic Nynex Mobile Inc, NJ, USA.

April 1996 – March 1997

As a specialist in COBOL, VAX/VMS, VAX/RDB, involved in ACE (Cellular phone sales & service) system's Y2K compliance re-engineering project. Activities include SQL query tuning for execution optimization.

Larsen & Toubro Ltd, INDIA.

June 1988 – March 1996

Designed, developed and implemented various business applications.

- Executive Information System - an integrated application that provides précised information about every construction project and its progress. Using this system Executives were able to make effective & efficient decisions.
- Inventory Control System - designed to handle \$80M inventory of construction materials. Optimal Economic Order Quantity (EOQ) achieved through this system. As a result substantial cost savings in procurement and inventory handling achieved.