 **Gowtham Balasubramaniam**

# 862-345-6354

# PROFESSIONAL SUMMARY

* Over 12+ years of hands-on-experience in the IT industry in the arena of **Oracle, SQL** and **AWS** Platform
* Extensive Experience in Managing Oracle 11g, 12c,19C,21C **Exa-data, GoldenGate**, **DataGuard, RAC**, **APEX**, **Microsoft SQL Server** 2016,2017,2019, **Always-on, High availability, Replication** especially on Linux and Windows platforms
* Proficient in **performance tuning**, **OEM**, automation using **Shell Scripting** for Various types of backups and maintenance
* **Golden Gate**: Technical lead for the High Availability implementation requirements Analysis, Feasibility Study, Products evaluation and presentations to team Installation and configuration of Golden Gate and Oracle 11g Active Data guard
* Supported a Number of Financial Applications in ExaData, Golden gate in both **OLAP** and **OLTP and** Performance related issues
* Proficient Experience in **installation, configuration**, maintenance, upgradation, patching and **migration** of **Oracle/SQL server** database on various Platforms
* Extensive experience in **upgrading SQL server 2016** (in place upgrade and side by side upgrade) based on application compatibility
* In addition, **AWS / Azure** Platform. Possess Knowledge in creating and launching EC2 instances using AMI’s of Linux. I am an accomplished professional who values honesty, integrity and transparency

# SKILLS:

**Database**: Oracle 11g to19c,21C, Exa-Data, GoldenGate, RAC, DataGuard, Sql Server 2012-2019

**Tools:** OEM, Toad, SQL Developer, SCOM, SSRS, SSAS, Oracle E-Business Suite, ADOP

**Database utilities**: EXP\IMP, RMAN, AWR, ADDM, TDE, TKPROF, DEFGEN, STATSPACK

**Middleware**: Apache Tomcat, WEBLOGIC

**Language**: SQL, PL/SQL, Shell Scripting, Python,

**Operating System**: Windows, UNIX/LINUX, Solaris.

# CERTIFICATION

* Oracle Database 12c Administrator
* Oracle Autonomous Database Cloud 2019 certified specialist
* Oracle Cloud foundation certificate 2020 Associate
* AWS SYSOPS Administrator
* AWS Solution Architect Azure Fundamentals AZ-900

# EDUCATIONAL PROFILE:

**Master Degree in Computer Applications** (MCA ‘2015) From Anna University, India

**Bachelors in Computer technology** (BSC CT ‘2011) From Anna University, India

# WORK EXPERIENCE

**MasterCard, ESB, SFO, CA** Senior Oracle/SQL Database Architect 07/2021 – Till Date

**Env**: Oracle 12c,19c,21c GoldenGate, ExaData, SQL, APEX, AZURE, Oracle E-Business Suite

* Experience in Migration of Oracle 12c to 21c and Successfully set up RAC data warehouse on Oracle 21C using Auto upgrade jar
* Installing Oracle 12c, 19c,21c database (Stand alone and RAC) on Production
* Strong hands-on experience in SQL Server 2012,2016,2019 features High availability SQL Server solutions, including Log Shipping, Replication, Mirroring and SQL Server clustering
* Lead cross-functional programs/portfolio team (ART). Focused on complex technology aspects building business values, and development and delivery efficiencies, using agile system design, development and delivery methodology.
* Extensive skill on upgrading Golden Gate 11g to 12c, Configuring Oracle GoldenGate.
* Migrated Oracle OEM from 13.2 to 13.4 version with latest upgrade methodology
* Experience architecting, building and administering experience on SQL Server Clusters
* Involved in migration of Existing oracle database to Exa-data X9/X8 from Non-RAC to RAC with minimum downtime from an application end.
* Participated in analysis and designing of Oracle ExaData Server for infrastructure
* Configured GoldenGate Downstream Mining and integrated Components for Active-

Passive and Active-Active replications

* GoldenGate Initial Load – direct load, direct bulk load, file to replicate, file to database utility; avoiding and handling collision during initial load
* Coordinate SSRS, SSIS packages, maintenance plans, stored procedures, transactional/merge replication and latency
* Upgrade Oracle APEX application from 4.2 version to 21.2 including Workspace
* Good understanding about ExaData Specified Features such as Smart Scan, HCC Hybrid Columnar Compression, Flash Cache, etc.
* Experienced in Performance Tuning using EXPLAIN PLAN, TKPROF, STATSPACK
* Experience in deploying SQL Databases in AZURE from on-premises
* Setting up Standby Database / Oracle Data Guard to protect against failures.
* Upgraded/Migrated SQL Server Instances/Databases from older version SQL Server to new version of SQL Server like 2000/2005 to 2008 R2 and 2008 R2 to 2012
* Involved in Installation, Performance Tuning, Backup and Recovery, RDBMS Patching, Security, Oracle Enterprise Manager (OEM), Standby DB

**Capital one**, **McLean** **Virginia** Tech Lead (Oracle/SQL/AWS) 06/2020 – 07/2021

**Env**: Oracle 12c,19c,21c MSSQL, GoldenGate, ExaData, SQL, Oracle E-Business Suite

* Migration of Oracle 12c to 21c and Successfully set up on Non-Multitenant Architect
* Working on setting up Oracle Enterprise agents on ExaData x6 machines for monitoring
* Hands-on experience in DOMU and DOM0 software and firmware maintenance of both the database and storage servers in the ExaData database including upgrade and patching
* Provided MS SQL Server DBA support for all SQL Server databases.
* Strong experience in SQL Server database and Operating system performance tuning
* Installation, upgradation, Configuration and Troubleshooting Golden gate 12c Software
* Cloning the Oracle 12c and 21c databases to ExaData using Oracle Enterprise manager
* Installed and configured SQL 2012 and SQL 2016 Server for Critical Production database
* Experience in SQL Server Integration Services (SSIS) SQL Server Analysis Services (SSAS)
* Installed OJVM patch on 11gR2 databases on Exa-data X5 and X6 environments

**3M, Maplewood Minnesota**  Tech Lead (Oracle/SQL/AWS) 06/2019-06/2020

**Env**: Oracle 12c,19c,21c, MSSQL, GoldenGate, ExaData, AWS EC2, RDS

* Participated in deep architectural discussion to build confidence and ensure customer success when building new and migrating Oracle database on the AWS platform
* Provide the architectural guidance and recommendations necessary to promote successful partner engagements worldwide
* Performance tuning in ExaData- SGA, PGA parameters, slow database response, re-size redo logs, ADDM, STATSPACK and AWR reports
* Architecting /operating Solutions built on AWS Platform for critical Financial database
* Created and installed services like VPC, EC2, S3, Auto scaling Groups (ASG), RDS
* Implemented RMAN database and archive log TAPE backups using NetBackup
* Planned Oracle GoldenGate PSU patching & applied patches to Prod databases

**Trade Edge, Chennai** Senior Oracle\SQL DBA 01/2019 – 06/2019

**Env**: Oracle 11g, 12c,19c, GoldenGate, ExaData, Oracle E-Business Suite

* Upgraded/Migrated SQL Server Instances/Databases from older version SQL Server to new version of SQL Server like 2012/2016 to 2017
* Upgrading critical Banking environment from 12c to 19c without down time
* Successfully set up 3 node cluster and RAC data warehouse on Linux using ASM\OCFS2
* Involved in writing Unix shell scripts for daily RMAN backups, tape backups, Index rebuilding. Databases are reorganized to improve performance
* Supporting SQL Server mirrored databases and clustered environments
* Developed and maintained stored procedures, functions, packages, and triggers and used Oracle standard packages. Daily monitoring Alert logs, growth of table spaces, size of the tables, top sessions and top 10 SQLs in Oracle ExaData
* Created Oracle database redo log members and groups managed on-line redo log files
* Responsible for Oracle GoldenGate database performance tuning Configured, implemented, supported, and maintained physical and logical databases

**Woolworths, Levis, Chennai** Oracle\SQL DBA09/2015 – 01/2019

**Env**: Oracle 11g, 12c,19c, GoldenGate, ExaData, MSSQL

* Migrating 50+ databases from ExaData X4 to X5 machine
* Supported on Exa-data X4 and X5 machines which included Quarter Rack and Half Rack
* Experience with administering SQL Server, including versions 2008 R2, 2012, and 2014
* Set up Database and provide all database –related support for the production.
* Duplicated all the no-production database on ExaData server according the Data Warehouse Development projects
* I was involved in the transition of one of the critical Database for dangerous goods.
* Supported more than 1200 databases size 1 GB to 50 TB having maximum 3 instances for each database. Experience in taking Daily and Weekly Physical backups using RMAN
* Manage all aspects of the GoldenGate design, implement and support in dev, UAT and production environment.
* Identify and resolve GoldenGate problems occurring in all database environment including performance related issues
* Troubleshooting typical GoldenGate technical problems such as unique key violation /long term transaction abed by using GGSCI /log dump /discard file analysis etc.

**Finacle, Chennai** Database Administrator 05/2011 – 08/2015

**Env**: Oracle 10g,11g, 12c, DataGuard, GoldenGate

* Installation and implementation of the Oracle11g on Solaris for Network vendor
* Implemented and maintained Oracle 10g/11g DataGuard/standby databases for fail-over
* Monitored the production Oracle alert logs for database error using ADRCI
* Monitored system resource availability and responded to system memory and data issues
* Manage system alerts and response to SLA tickets on BMC remedy tools
* Create user, groups, objects, procedures, packages and maintain permission for schema
* Implement the automated Hot Backup scripts for Daily full backup created in Korn Shell
* Managed appropriate use of free space within tablespaces, reclaimed space whenever possible. Reorganized tables and indexes within databases when needed
* Experience in installation and configuration of Oracle GoldenGate and large databases.