**Bhaskar Mylavarapu – Lead Oracle DBA**

**22+ Years** of Information Technology with the right balance of management and technical skills to work effectively in a team and across cross functional groups.

**15+ Years of Lead** **DBA**/**BI** **Architect** for enterprise databases and warehouse environments working with US Federal & commercial Global clients (**Denmark, France, Singapore, India & USA**) at all levels to understand Databases, data, process, and program requirements for large-scale, complex projects involving Oracle and multiple enterprise systems on Unix and Heterogeneous platforms, High Availability Solutions, and **cloud Migrations**.

**Senior Oracle DBA for Federal** Projects for more **than 9 Years.**

**10+ Program Manager / Architect / Data Management** for major Industrial & Financial Applications large IT Warehousing, Infrastructure and Data Center Application Management engagements to global clients and offshore delivery models using **Agile** and waterfall Methodologies.

**Experience:**

* **24x7** Oracle **Production & application Database** support to various applications (on Call) and **High Availability solutions** in Government, Banking, Insurance, Hospitality, Healthcare and Energy applications.
* **AWS RDS** databases**, Postgres, MySQL and DB2 databases.**
* **Expertise in AWS** Services like **EC2, S3, ELB.**
* Installed more than **150 Oracle Installations** on LINUX RHEL 5 & 6, AIX, Sun Solaris, SCO Unix, & Windows.
* Install, upgrade, patch the oracle database infrastructure.
* Service Level Agreements (**SLA**) on Incidents, Change Requests & Critical calls.
* Expertise in Install, upgrade, manage & maintain databases, and patch Oracle GRID control Server.
* Performance of Oracle database servers, Tuning DB systems, Diagnose & troubleshoot Database errors.
* Expertise in database security Automation for repeating job
* Experience in Oracle middleware technologies & Oracle based ETL processes.
* Data dictionary, utilities, Architecture, Shell, and database configuration of MySQL, Postgres, and Oracle.
* Administered and controlled the activities related to database development, installation security, maintenance, and utilization.
* Support Implementation and Operations Management best practices.
* **Reorg**anization of Databases & make DDL/DML changes.
* Analyze existing complex views, find logic errors, or changes due to business requirements and change code.
* Identify scripts, tables, data that can be moved into different tablespaces to free up space.
* export/import large amounts of data between environments.
* Service Level Agreements (**SLA**) on Incidents, Change Requests & Critical calls.
* Expertise in Oracle **11g,12c, RAC, ASM & Data Guard**
* Expertise in using **OEM 12C**& **13C** and knowledge on 19C.
* Expertise in Tomcat /Oracle WebLogic 12c with fusion middleware.
* Manage all aspects of Oracle **Golden Gate, Kafka, and Data guard.**
* Implemented Oracle Database Up-gradation and **Migration Projects** from (10g to 11gR2 ,9i to 10g, 6 to 7i). Currently on **12c to 19C** migration.
* 10 years of **RMAN** experience on Oracle Production Databases
* Configured and Implemented Automatic backup techniques using **Legato** & **RMAN – EMC's backup**, **exp/import** & **Data pump**.
* Expertise in **UNIX shells scripting** for backup and handling of **AUTOSYS** jobs.
* Performed **Database Refresh from Production to QA** and Development databases.
* Managed Databases of large Terabytes of Data.
* **DB Patching and upgrade** skills in Production environment.
* Performed **Transportation of table spaces** for Major Data warehousing Databases.
* Performance tuning and used **AWR, ASH Reports, ADDM, SQL Tuning Advisor**, **Explain Plan.**
* Involved in Database Designs and Optimization techniques.
* **Production support to Oracle Financial Applications (OFSA).**
* **PL/SQL** script creation and tuning, Procedures, Functions, Triggers. Setting monitoring standards.
* Developed and tests disaster Recovery procedures.
* Experience with migrating from 11G to 12C or 18&19C.
* Manage all database objects in a large mission critical system.
* Shell scripting, performance tuning, Analyze and resolve complex technical problems.
* Monitor databases and performance tuning enhancements to optimize their performance.
* Trained in Oracle **EXADATA machine** from **Oracle University.**
* Expertise knowledge on **Oracle Data Appliance - ODA**
* Other Relational databases like Postgres, MySQL, SQL Server, DB2 and IBM UDB.
* Expertise knowledge in Enterprise **Data** Integration, **Data** Warehouse, **Data** Quality, **Data** Migration & DATASTAGE & Data Lakes.
* Data Modeling, Relational Mappings, Conceptual Models, DFDs and ERDs using Oracle Designer.
* Experience in Data modeling and architecture at enterprise level.
* DW architecture and modeling using CA ERWIN tool.
* ERP systems like Oracle 11gR2 & R12
* Production DB supports **Highly Critical Applications** in the Banking sector customer & product.
* Manage and maintain the Oracle databases, including installation, configuration, and patching on AWS Cloud.
* Troubleshoot and resolve issues related to the databases, configuration of components, data corruption, and security breaches.
* Lead and support tasks and portions of the project scope on engagements related but not limited to Systems Implementation, Operations & Maintenance and Helpdesk Operations
* Guiding executives to perform tasks.
* **Strong** Programming expertise in **Oracle PL/SQL**, Pro\*C, C and Oracle triggers, stored procedures, and functions.
* Worked on Oracle Developer Forms, Reports and Menus.
* Successfully handled Onsite offshore support Models.
* **AWS Cloud Migrations** Road Map and best practices and on-prem to AWS cloud Migration using DMS & SCT Services.

**Technical Skills:**

**Domain Expertise** Banking & Financial Services, Payroll, Inventory, Purchase

Management Systems, PeopleSoft GL, PO, Cash Management (CM),

Banking, Deal Management (DM) and the Financial Gateway (FG)

**RDBMS**  **Oracle 19C**,12C1,11g,10g and lower ver. Microsoft SQL Server,

**MySQL, Postgres**, UDB IBM Db2, Oracle Exadata

**Operating Systems:** Red-hat Linux 6, AIX, Unix-ware, SCO, Sun Solaris, and Windows.

**AWS** Cloud Architecture, S3, EC2, **RDS database**, **Redshift,** EC2, S3, VPC, Cloud Watch, **Data Management, and schema Conversion, Data Migration Service**

and SCP services of AWS Cloud.

**Modeling Tools**: DFD & ERDs, Designer 2000, Erwin

**Monitoring Tools:** OEM 12c,13c and OEM 19C.

**Project Management Tools** HPPPM, MS Project, Visio, MS Word, JIRA

**High Availability Solutions**: Real Application Clusters 11gR2,10g, ASM, ASH, ADDM reports

Explain Plans, SQL Profiles2C,

**Languages:** SQL, C, Pro\*C, **PL/SQL**, Procedures, Functions, Triggers, Shell

Scripting, Java, PHP

**Backup Tools:** RMAN, Legato, Data-pump, exp/Imp

**ERP**  Oracle Applications 11i, EBSR12, GL Module, Oracle Banking

Application.

**Processes:** Project Management, ITIL, SDLC, Agile

**Configuration Mgmt. Tools** Chef, Puppet & Ansible

**Data warehouse** Data Quality, Migration, DataStage, Data Mover Scripts of Peoplesoft Informatica. Golden Gate

**Backup Software** Tivoli, Legato

**Certifications: Brain Bench Certifications**

* Certified Project Management
* Certified Oracle 11g DBA
* Certified Oracle 10g DBA
* Certified Data warehousing Concepts
* Certified Database Concepts
* Certified Linux Administration
* **Certified PostgreSQL 12.0 DBA from EDB**
* **Training: Oracle Exadata training from Oracle** Corporation.

**Education:**

* **Master’s** degree in mathematics with Computer Science, University of Delhi, India. **1990**
* **Honors Degree** in Mathematics from University of Delhi, Delhi. India **1988**
* **Post Graduate Diploma** in Computer Applications from Regional Computer Center, India.**1992**

**Project Summary:**

**Infosys - Global Foundries: Newyork**

**- Lead Oracle Database Administrator/Architect/Data Migration Engineer JUN 22 – AUG 23**

**Technology: 12C,19C, OEM 13C, RAC, Golden Gate, ServiceNow, Oracle Developer, DB2, SQL Server, Postgres, Datawarehouse, Data Platform, Ansible**

**Activities:**

* Production Databases support Critical applications of all FAB locations (24x7).
* Performance testing scripts
* Managing Oracle installation, Configuration, and maintenance on Exadata machines.
* Database Server Configuration Optimization.
* Implement and administer Automatic Storage Management (ASM) for managing Oracle database files.
* High Availability Solutions RAC, Golden Gate, RMAN.
* Managing Backup & Recovery using RMAN, expdp/Impdp, recovery strategy and execution
* Managing complex configurations and larger deployments using Ansible.
* Scripting and Automation of Database Activities using shell scripting.
* ASM storage Allocation and migrating Disks.
* Database Archival and Compression.
* Capacity Planning & Migration strategies with Management.
* Table reorganization & Space Management.
* Database Patching and Upgrades
* Performance tuning using AWR, ASH reports, explain Plan, SQL Query and Stored Procedure Optimization
* Migration of 12C Databases to 19C.
* Maintain Data Migration Strategy and Playbooks.

**FMC Corporation: Team Lead- Solution Architect Dec 21 - MAY 22**

**Technology: Oracle, Microsoft Azure Synapse, MicroStrategy, Datawarehouse, Data Platform Snowflake**

**Activities:**

* Managing enterprise information processes and methodologies, relational database management systems, and business intelligence/analytics tools, frameworks, and infrastructure.
* Establish and maintain effective working relationships at all levels of the organization.
* Database software and technologies, cloud technologies and engineered systems and enterprise software products, including Microsoft Azure, Snowflake and Oracle.
* Monitoring projects and establishing measurement and tracking for project tasks.
* Document all policies, procedures, and processes.
* Advanced Automation scripts using shell scripts.
* Data Migration Strategy and Playbooks
* Data Migration Execution scripts
* Exercise sound judgement, critical thinking, and analytical skills.

**Apex – Systems Wells Fargo - North Carolina - Lead Oracle DBA/Architect**

**AUG 21 – DEC 21**

**Technology – Oracle 12C, 19c, SQL Server, OEM**

* Oracle Resilience and Data Excellence Team.
* Data Migrations from cross platforms Solaris to Linux and HP Unix to Linux.
* UNIX and shell scripting
* Database migrations / Database Upgrades
* Automation using Shell Scripting
* Data modelling & Mapping
* Database Server Configuration Optimization
* Database backup and recovery strategy and execution
* Database Patching and Upgrades
* Database Archival and Compression

**SEI Investments: Pennsylvania Lead Oracle DBA/Architect - Nov2020 – AUG 2021**

**Technology: Oracle 19c, Oracle 12c,11g, Exadata, Goldengate12.2, KAFKA, MySQL, MongoDB, Data Guard, OEM 13c.RAC 6 Node, ASM, Data Warehousing and ODC databases, Service Now,Microsoft Azure.**

**Activities:**

* Maintenance of Production environment of US and UK.
* Oracle 12c (CDB, PDB) architecture, to 19c migration Team and Strategy.
* LAG Analysis Extract & Replicate Start & Stop of GOLDEN GATE
* MySQL databases, backup, recovery
* Data guard & Switch- Overs & Failovers (Primary / Standby).
* Golden Gate - Configuring and managing replication.
* Install/Configure RAC (Real Application Clusters 11g/12c)
* Managing replication using Oracle Golden Gate 12c.
* Data Migrations from cross platforms Solaris to Linux and HP Unix to Linux.
* UNIX and shell scripting
* Database migrations / Database Upgrades
* Troubleshoot (OEM13c).
* Transparent Data Encryption
* RMAN (Recovery Manager).
* Good Knowledge / Hands on Experience in Exadata
* Performance tuning of Oracle database.
* SQL explain Plan, Query tuning and all aspects of performance tuning & profiling SQL plans.
* Managing complex line of Businesses Re-insurance and IM data warehousing Systems.
* Managing Oracle Golden Gate replication.
* Manage all aspects of the OGG design, implement and support in development, UAT and production
* environments. Identify and resolve OGG problems occurring in all database environments including performance related issues (I. Database & SQL tuning).
* Setting up High Availability Oracle Golden Gate (**OGG)** systems on Oracle 11gR2 RAC environments.
* Involved in Migration of Oracle 12C to **19C.**
* Administering ASM and Data guard.
* Expertise knowledge on Creating documents in Mongo DB.
* Expert Architecture understanding of MongoDB.
* **PL/SQL** functions, Procedures and Triggers.
* Monitoring Jobs using CONTROL M & ETL jobs.
* Incident Management using Service now.
* Managing Backup in RMAN, recovery and restore.
* Restore and recover databases).
* Database Refresh activities, Database Capacity Planning.
* Documentation of all major activities to Share with team.
* Extensively used Oracle Support for resolving technical issues.
* Created and managed users, roles, and profiles
* Automation as required and Documentation.
* Monitoring Complete Health of databases and resolving issues.
* Plan and execute production database changes and continuous monitoring.
* Autosys Scheduler, Monitoring/Performance reports analysis and app adherence
* Worked with Oracle Corporation on Service Request.
* Oracle User, Roles, Profiles Administration.
* Security Administration includes the management of profiles, roles, users, and their privileges.
* configured the database for database monitoring in Grid.
* Implementation of Disaster Recovery Plan
* Performed number of Media recoveries, tablespace and datafiles recovery and point in time recoveries.
* Created Backup jobs in OEM Grid for databases.
* Created monitoring base line templates in Oracle 10g Grid based on different thresholds as per the database requirements.
* Automated several routine DBA tasks and scheduled these jobs in CRON.

**Octo Consultancy: Reston VA - Lead Architect/ DBA/ /Data Migration Specialist**

**Aug 2019 – Jan 2020**

**US Dept of Commerce (USPT) /SEC DBA (SOW)**

**Technology: Oracle 12c, 18C Oracle 11g, OEM 12 & 13c, RMAN, RAC Data Guard, Golden Gate, Postgres, MySQL AWS, RDS, Redshift, OEM 13C, SQL**

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**Responsibilities:**

* Responsible for the identification and removal or escalation of impediments from development teams on time. To prevent impediment, coached the teams on the relevance of adhering to transparency, empathy, honesty, and being real in all scrum dialogues.
* Migration of on-prem Databases to **AWS Cloud** using DMS & SCT service and maintain Migration Execution scripts.
* Data Migration Strategy and Playbooks & Performance testing scripts.
* SQL Query and Stored Procedure Optimization
* Database Administration, including database installation and configuration.
* Database Server Configuration Optimization
* Database backup and recovery strategy execution and Patching and Upgrades
* Database Archival and Compression
* LAG Analysis Extract & Replicate Start & Stop of GOLDEN GATE.
* Manger processes and troubleshooting, parameter files.
* Oracle to RDS Oracle and Oracle to RDS Postgres.
* Managing Postgres and Oracle databases and Migration roadmaps. databases.
* Managed multiple agile teams using effective Scrum/Kanban/ techniques.
* Provided database and functional expertise application development when required.
* PTAB is a US patent Applications where judges are dealing with different cases on patents.
* Production support to application team while deploying in the production environment.
* Designing of Data models.
* Understanding user stories.
* Developed training materials and training of team leads who sometimes represent the scrum master.
* Analyzing the requirements and creating conceptual, logical, and physical mod
* Database comparisons, PL/SQL.
* Data Modelling and Architecture.
* AWS RDS. Migration roadmap to AWS cloud from Oracle & Postgres on prem to AWS.
* Migration strategies from 11g to Oracle 12C to 19C.

**Cognizant Technologies - Lead ARCHITECT/ DBA** / **Program Manage**r -**Feb 2014 – Apr 2019**

**Hartford - Connecticut, E\*TRADE – Alpharetta, GA, Healthnet – Rancho Cordova, PSEG- NJ, Jafra – LOS Angeles (Retail), & Key Bank – Cleveland, OHIO**

**Environment:** Oracle 12c, 11g, 10g, OEM 12C, EBS R12, SQL \*Loader, SQL Trace, TKPROF, Explain

Plan, AWR, ASH, ADDM, TOAD, SQL Advisor, Share plex, Exadata Machines, JIRA,

Confluence, Remedy, WebLogic, RAC, ASM, Postgres,

Oracle Banking Platform (OBP), MDS, Microsoft Project, Visio, Share Point & Excel,

WebLogic, ETL, PL/SQL, **SQL Server**, **TSQL & SSRS**; PeopleSoft FSCM 9.1, Oracle

Golden Gate 11

**Hartford**

MBM Managed Data Services model is designed and developed in order `to provide esteemed database Production / Maintenance support(24x7) & Project support to various line of businesses (LOB) of “The Hartford”.

These LOBs are Reinsurance, Commercial, Consumer, Corporate and Wealth Management.

Each LOB has its own separate operational structure & functional fundamentals followed by strict processes, where our teamwork 24x7 in shift-rotations with onsite-offshore mode.

MDS supports around 1400 oracle, 4000 SQL Server and 40 DB2 databases.

Providing Application and System support to these commercial Applications.

**Key Bank:** The Project is aimed at complete integration of First Niagara Data from Legacy Systems into Key Bank systems completely.

**Responsibilities:**

* Provide Application support 24x7 Production support to all the Oracle Application and BI databases.
* Managing complex line of Businesses Re-insurance and IM data warehousing Systems.
* Managing Oracle Golden Gate replication.
* Performance Tuning and Application Support.
* Manage all aspects of the OGG design, implement and support in development, UAT and production environments. Identify and resolve OGG problems occurring in all database environments including performance related issues (i.e. database & SQL tuning).
* Setting up High Availability Oracle Golden Gate (**OGG)** systems on Oracle 11gR2 RAC environments.
* Troubleshooting typical OGG technical problems such as unique key violation, long transaction abend by using GGSCI, Log dump, discard file analysis etc.
* Application DBA specialist for number of tuning projects. Working with developers on SQL code review and quality control. Performance load testing and tuning application, SQL code, and database instance by using a wide range of technologies including ADDM, AWR, ASH, Stats pack, OEM Performance Manager and scripts by using Korn shell/Perl.
* Performance tuning of Applications and database.
* Managing and administration of 2 & 3 Node RAC environments.
* Managed and database administered Oracle database applications on Exadata platforms.
* Software maintenance of the Exadata storage servers in the Database machine including routine health check,
* patching, and upgrades according to the suggestions from Oracle support department.
* Serve as primary contact for customer inquiries and concerns.
* Co-coordinating with Development & Client Tech team and developing conceptual/logical and physical Models.
* Providing and assisting in System and Application performance issues.
* Managing the Data Guard, primary & Standby, Daily Operations and maintenance.
* Maintenance of multiple nodes.
* Performance and Disaster recovery.
* Reorganization of Indexes and DBA utilities.
* Migration of Oracle Databases to Postgres databases.
* Managing Data Guard, OEM & RMAN.
* Testing and implementation of new tools and techniques as per the technological advancements.
* Data Masking Data encryption.
* Installed Oracle database, and applied Patches and DB migrating. Monitoring, Tuning, and optimizing the performance of the database.
* Application and Database Performance Tuning.
* Implement and create physical Databases.
* Implement database objects like Procedures, Functions and Triggers.
* Report delivery status to customers and develop required delivery documentation.
* Designing Database support documents for Team.
* Translate business requirements to Data Reporting services.
* Assist & Advice applications teams on performance tuning and resolving performance bottlenecks.
* Processing CRQ’s and following approval processes. Attending Approval meetings like DCCB, ECAB & Change Advisory Board (CAB).
* Follow key aspects of ITIL framework – Change, Incident & Problem Management.
* Lead Point of contact to two Major applications.
* Complete Knowledge Transfer Phases and stabilize the Applications and involved in

designing and reviewing of Knowledge Transfer.

* Manage and co-ordinate with Onsite offshore support Team.
* Application & Sysdba support to multiple environments and Databases.
* Resolving incidents and CRQ’s related to applications and avoiding SLA breach.
* Complete Refresh from Production to QA, Dev and SIT environment.
* Database activities related to performance Tuning, Data Fixes, Monitoring backup and Batch jobs, Tracing, assistance to Monthly & yearend jobs and activities.
* Participate in status meetings with application team & Management.
* Monitoring CPU/memory utilization, I/o utilization, swapping, network utilization.
* Tuning with tools like OEM, STATSPACK, AWR, ADDM, and SQL Analyzer &trace.
* Participate in weekend production releases.
* Managing 11gR2 Real Applications Systems.
* Responding to OEM, High Trigger and BMC alerts and take immediate actions.
* Proactive steps like database health checks and space Management.
* Managing Critical calls and timely response to emergency calls.
* Interact with other support teams like Server, Storage, Network towers.
* Co-ordinate with Application Developers, DBA’s, Infrastructure team, backup and restore team, System & Remediation, Audit and Change Management Teams.
* AWS cloud Migrations Road Map and best practices.
* Following 5 Migration process 1. Migration Preparation & Business Planning.2. Portfolio Discovery & Planning 3. Migration & Validation, 4. Application Design and 5 Operation

**US-Dept of Commerce – Silver Spring, Maryland Datacenter**

- **Lead DBA/ Data Architect/Data Migration Engineer** **AUG 05 to FEB 2014**

* Performance testing scripts.
* SQL Query and Stored Procedure Optimization
* Database Administration, including database installation and configuration.
* Database Server Configuration Optimization
* Database backup and recovery strategy and execution
* Database Patching and Upgrades
* Database Archival and Compression
* Database Administration
* Database Migration execution from On-prem to AWS

**National City Mortgage (NCMC)** – **Dayton Ohio –** **APRIL 2005 – AUG 2005**

**American Girl – Madison** – **ARCHITECT -** Oracle Apps - Wisconsin – Warehouse & Order Mgmt.

**DBS BANK – Singapore** – **Lead Oracle DBA** / Project Manager **SEP 2004 – March 20005**

Data Warehouse Project - Weekly Data Mart and DSS Dashboard - **Program Manager**

Technical: Unix, Oracle 9i, ETL Informatica, People Soft, PL/SQL, MySQL, Unix Scripting SQL Server

**National City Corporation Bank, Columbus OHIO, US** **Oct 03 – May 04**

Lead Oracle DBA/ Architect – Oracle Production & Application DBA

**Export & Credit Guarantee Corporation** – **Architect** - Bombay India **Dec 02 – Sep 03**

**Bombay Stock Exchange** – **SR Oracle DBA** –  **FEB 02 – AUG 02**

**Previous Projects**

**Software Oracle Consultant - AUG 01 - FEB 02**

**Post Denmark**, **Copenhagen Denmark** Enhancements of Applications

**Lead Oracle DBA Central Reservation System Feb 01 – Jul 01**

**TAJ Mahal Hotel Bombay, India**

**Technical Project Manager – Payroll Outsourcing AUG 00 – JAN 01**

**General Motors - Thailand**

**Project Manager - Team 40 - Outsourcing of IT Requirements SEP 99 – Jul 2000**

**Tata Special Steel Limited, Bombay, India**

* Online Production Support & Team Management, Requirement Gathering, Client Management, Team Building, Risk & Time Management.

**Other Projects Developed and Lead from Nov 1992 to Aug 1999**

* Conversion Projects from Oracle 7 to 8i.
* Migration Projects
* Banking application Development & support Projects
* Integrated Financial Accounting Systems
* Payroll System.
* Hospital & Health care Management System
* Inventory, Sales, Purchase & Financial system projects