

# SYED YASIR SHAKIR

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## Summary

Oracle-Certified and SQL Server Database professional with 10 years of extensive experience in performance tuning, high availability, crisis management, and system optimization. Expertise in managing large-scale databases, ensuring high performance, and implementing robust security measures to drive business continuity and operational efficiency.

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## Skills

**Operating System:** Windows Server (2008/2012/2014/2016/2019), HP-UX, AIX, Solaris & LINUX

**Databases:** Oracle (10g, 11g, 12c & 19c), SQL Server (2008/2012/2014/2016/2019), PostgreSQL

**Database Technologies Expertise:** Oracle RAC, Data Guard, ASM, Active Data Guard, Database Mirroring

**Tuning Tools:** Database Engine Tuning Advisor, AWR, ADDM, Oracle Enterprise Manager, SQL Server Profiler, Execution Plan Analyzer, Activity Monitor

**Backup Utilities:** Cold and Hot Backup, RMAN, Traditional Import/Export, Datapump

**Database Client Tools:** SQL\*Plus, Oracle Enterprise Manager, Toad, PL/SQL Developer, SQL Server Management Studio, Aqua Studio

**Server OS Clients:** Putty, WinSCP, MobaXterm, VNC

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## Certifications

Oracle Database SQL Certified Expert **(OCE)**

Oracle Database Administrator Certified Associate **(OCA)**

Oracle Database Administrator Certified Professional **(OCP)**

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## Experience

### Senior Database Administrator | Dubai Islamic Bank

12/2021 – 11/2024

- Administered 100+ SQL Server and 15+ Oracle databases, ensuring high availability and performance.
- Review current strategies and setup/make phases for continuous improvement.
- Monitoring and performance tuning using OEM, Explain Plan, AWR, ADDM, SQL Server Profiler, Execution Plan Analyzer and Activity Monitor.
- Implemented Transparent Data Encryption (TDE) on Oracle and SQL Server databases to secure sensitive data at rest, ensuring compliance with data protection regulations.
- Implementing security policy enhancement through roles, profiles, privileges and password policies as per business requirement.
- Enforced security protocols and performed compliance checks, while efficiently organizing, storing, and analyzing data with a focus on quality, security, and confidentiality.
- Configured numerous Oracle and SQL Server databases HA/DR for smooth data availability and any other maintenance activity.
- Created scripts to automate solutions for database administration tasks, such as backups and performance tracking and improvement.
- Provided technical support and guidance to developers and end-users regarding database-related issues and best practices.
- Perform capacity planning for efficient database growth with storage and backup limitations.
- Providing extensive support to application developers and project team for changes implementation on databases.
- Automated database maintenance alerts and cron jobs for database through OS.
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- Worked with application development team for optimal databases behavior using query tuning and lock checking.
- Performed many switchover activities on Oracle and SQL Server for business continuity planning.

- Performed regular Oracle and SQL Server upgrades, patching, and testing to ensure database security, privacy, and performance.
- Managing database structures, storage allocation and table partitioning.
- Installing, configuration and administration of PostgreSQL database and perform monitoring and admin tasks using tools like pgAdmin etc.
- Managed and maintained PostgreSQL database systems, ensuring high availability and optimal performance.
- Developed and maintained backup and recovery strategies to minimize data loss and downtime.

**Senior Database Administrator | National Clearing Company of Pakistan Limited**  
**08/2019 - 12/2021**

- Troubleshoot day-to-day SQL Server production and development issues.
- Refine, automate regular processes, track issues, and document changes.
- Assist developers with complex query tuning and schema optimization.
- Install, configure, upgrade, and migrate Oracle 11gR2 and 12c across platforms.
- Refresh and clone databases using RMAN, export/import, and Data Pump; configure Data Guard and replication.
- Set necessary Oracle parameters for RAC, and monitor/tune systems and databases for optimal performance.
- Use SQL Loader to upload data into databases.
- Install, monitor, and manage PostgreSQL databases using tools like pgAdmin.
- Perform backup and recovery for PostgreSQL databases.

**Oracle Application and Database Administrator | Jaffer Business Systems (Private) Limited**  
**02/2019 - 07/2019**

- Plan and design documentation to identify resources for Oracle RAC infrastructure and disaster recovery.
- Install, configure, upgrade, and migrate Oracle 10gR2 and 11gR2 across platforms.
- Expertise in Oracle RAC, ASM, RMAN, and Data Guard.
- Administer Oracle databases on RAC and Oracle Enterprise Management (OEM) Grid with problem resolution skills.
- Plan and design backup and recovery strategies using RMAN, export/import, and both logical and physical backups.
- Implement prerequisites for Oracle RAC Database creation on OEL 6.7 Linux, following Oracle EBS standards.
- Apply RMAN backup encryption for security and perform database backups/restores.
- Maintain, patch, and upgrade Oracle 10g and 11g databases, utilizing Metalink for support requests and patching.

**Database Administrator | Unilever Pakistan Limited**  
**01/2017 - 01/2019**

- Monitor and ensure successful completion of daily scheduled database backups.
- Resolve performance issues, remove deadlocks, and handle day-to-day database operations.
- Manage and maintain backup tapes and records for disaster recovery.
- Perform database refresh and restore using Oracle import/export, Datapump, and RMAN utilities.
- Monitor LPARs via the HMC console and perform database maintenance, patching, and upgrades for Oracle 10g and 11g.
- Plan and implement backup and recovery strategies with RMAN and Datapump.
- Collaborate with clients, architects, admins, and developers to meet database requirements.
- Troubleshoot user connectivity and account lockout issues, and manage users, roles, profiles, and privileges.
- Ensure compliance with Oracle licensing and manage SQL Server backups for testing and disaster recovery.

**Oracle Support Analyst | Technical Support Services Department | Ora-Tech Systems (Pvt) Ltd.**  
**11/2014 - 01/2017**

**Resident Engineer**

- 1) Dubai Islamic Bank Head Office as Oracle Database Administrator
- 2) Habib Bank Limited Head Office as Oracle Database Administrator
- 3) National Bank Head Office as Oracle Database Administrator.

- Ensure availability and connectivity of Prod, Non-Prod, and UAT databases.
- Perform Oracle performance monitoring, tuning, and suggest improvements.
- Monitor backups and manage databases across AIX, HP-UX, Linux, and Windows (10g and 11g).
- Administer and monitor RAC and DR databases on 11gR2.
- Design physical/logical databases, configure security, and manage access.
- Continuously monitor, size, and tune databases and SQL for optimal performance.
- Install upgrades, patches, and ensure compliance with database standards.
- Use RMAN and Datapump for backup, recovery, and data movement.
- Schedule jobs using crontab, resolve tablespace issues, and manage logs.
- Apply patches, troubleshoot databases, and resolve user queries.
- Ensure DR database synchronization and connectivity, and document upgrades.

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## Projects

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- 1) Implementation of Oracle RAC Database 11.2.0.4 on Linux 6.7 for EBS Application at Civil Aviation Authority.
- 2) Implementation of Data Guard for Dual Instance RAC 11gR2 Database from ASM to Non-ASM Single Instance.
- 3) Performed DR switchover activity from two nodes ASM RAC to Non-ASM Single Instance.
- 4) Upgraded three test databases from Oracle Database 10g to 11g on IBM (AIX).
- 5) Worked with application team to upgrade application and create new application servers.
- 6) Worked on the project of migrating platform of Database from Windows Server 2000 to HP Superdome 2 (HP-UX) as well as upgrade Database version from Oracle Database 11g (11.2.0.3) to (11.2.0.4).
- 7) Worked on the project of migrating platform from IBM (AIX) to HP Superdome 2 (HP-UX) as well as upgrade Database version from Oracle Database 11g (11.2.0.2) to (11.2.0.4).

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## Education

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Preston Institute of Management Science and Technology | Karachi, Pakistan | 09/2013

### Masters in Information Technology

Masters with 3.6/4.00 CGPA

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## Languages

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**Urdu:** First Language

**English:**

C1



Advanced