

JESSICA CLAIRE

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SUMMARY

Veteran Database Architect with 24+ years of experience employing comprehensive technical and problem-solving skills to tackle challenging new tasks. History of leading and collaborating with DBA teams to architect a diverse array of comprehensive OLTP and BI solutions. An out-of-the-box thinker with a track record of employing innovative solutions to automate processes and optimize workflows across departments. Adept at learning new database-related technologies and best practices, and ready to bring a growth mindset into a challenging new role.

SKILLS

Operating Systems/Platforms: SUN Solaris 9/10, SCO UNIX, IBM AIX 4.x, RedHat Linux 7/6
Languages: SQL, PL/SQL, Java
ERP: Oracle applications, Peoplesoft
Case Tools: ER/Win 7.x, ER/Studio
Database: Oracle 12c/11g, DB2 UDB 8.x, MS SQL Server 2000
RAD Tools: Oracle Forms/Reports (IDS 9i/6i/6), Power Builder 5
DBA Tools: Oracle Enterprise manager/DB console, Embarcadero DB Artisan 7.x, Quest Central 5/4.5/TOAD 9, UNICENTER SQL-Station 7.x, STATSPACK, SQL*Loader, RMAN, NETWORKER/Legato Storage manager, VERITAS Volume Manager for Solaris 8.x
DB Technologies: Oracle Materialized View and Advanced Replication, RAC/Grid Computing, Dimensional Modeling
Miscellaneous Tools: Unix Shell Scripting, Exceed, PVCS, VSS, FTP, Telnet
Applications: Airline Crew Resource Management, Finance, Transportation, E-commerce, Retail, Telecommunications, Healthcare, Mortgage Management

EDUCATION AND TRAINING

Punjab University
Lahore, Pakistan
Bachelor of Science: Mathematics And Statistics

Punjab University
Lahore, Pakistan
Post Graduate Diploma: Management Information Systems

CERTIFICATIONS

AWS Certified Cloud practitioner, OCP 7.3/9i, IBM Certified DBA UDB 8.1, BrainBench certified Oracle DBA, RDBMS Developer, Oracle Programmer (PL/SQL)

EXPERIENCE

Honeywell - Senior Database Administrator Colonial Heights, VA • 04/2014 - Current

- Lead DBA team and spearheaded management of Oracle database architecture to ensure business continuity and high availability.
- Oversaw successful upgrade of Oracle databases from Version 12.1 to 19c. Migrated SDB and RAC databases to virtual on-premises cloud using KVM.
- Ensured maintenance of database architecture through continuous troubleshooting, performance tuning, disaster recovery testing, ongoing patching for Oracle clusterware and databases, and management of standby databases.
- Collected information by meeting with team database architects and administrators to determine system limitations for capacity and load for UMASS database architecture.
- Proactively resolved issues by monitoring DBs through the Oracle Enterprise Manager 13c, and used insights to implement effective solutions.
- Managed IDM, PeopleSoft, Data Warehousing and OLTP databases to maintain a robust data environment.

Ricoh Americas Corporation - Senior Technology Specialist Rochester, NY • 04/2009 - 05/2014

- Analyzed intricate database issues and identified performance bottlenecks. Worked with DBA team to develop comprehensive solutions.
- Architected a single-console enterprise monitoring solution using Grid Control 10gR5 and Enterprise Manager 12c.
- Oversaw management of database infrastructure, including DI40/ROR/Flexframe, physical standby databases and 100+ GI/RAC clusters.

L3harris - Senior Systems Engineer New York, NY • 02/2007 - 03/2009 CONTRACTOR, Fujitsu Consulting

- Oversaw development lifecycle environments for a BI/DWH application, managed 2+ TB of production environment data and 25 Oracle instances that needed to be monitored on a 24/7 basis to ensure business continuity.
- Streamlined monitoring and management procedures by architecting an automated system to generate performance reports, in addition to consolidating previously siloed monitoring and fine-tuning procedures into one global logical model used across teams.
- Conducted code review for high performance and scalability to meet SLA, in addition to mentoring team developers for coding best practices and performance.
- Architected and implemented an application high-availability solution using Oracle Data Guard 10g as a Physical Standby on a remote server.
- Developed an ETL solution to optimize the process to parse text files and load them directly to the Oracle Database for performance.

Wells Fargo Bank - ERP System Database Analyst City, STATE • 09/2006 - 01/2007 CONTRACTOR, Fujitsu Consulting

- Lead group of DBAs as a technical subject matter expert, and established integration of various enterprise systems within the department.
- Converted existing legacy system architecture to upgraded Oracle-based systems serving up to 260,000+ employees.
- Designed, built, implemented and maintained an automated system to generate regular BI reports based on configurable metadata.
- Designed and presented on the logical and physical data models for Wells Fargo's integrated HBS (Healthcare and Benefits Systems).

Visionet Systems - ERP System Database Architect City, STATE • 07/2005 - 08/2006

- Designed ERP solutions and implemented a workflow system in Oracle and SQL server for Liz Claiborne Inc.
- Supervised development of a number of applications being developed using Oracle, SQL Server, Java, VB and .NET technologies.
- Led research on database architecture and provided recommendations on emerging database management and design tools, offering input on upgrade options.
- Mentored team DBAs/Designers/Developers in technical concepts and coding best-practices. Developed robust documentation for coding standardization and technical specifications.
- Performance tuned slow-performing SQL and all DB code in multiple tiers including Applet, Middle-tier and DB.