

# JESSICA CLAIRE

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## SUMMARY

- To obtain a position in the areas of Data Warehouse/VLDB Architect, Database Engineer, Database Administrator.
- 21 years of experience as a Sr. DB2 DBA on LUW (Linux, AIX, Solaris, Windows) (1997 - current)
- 15 years of experience as a Sr. NPS (Netezza Performance Server) DBA/Admin (2006 - current)
- 8 years of experience with Websphere Information Integrator MQ and SQL replication (2005 - 2013)
- 8 years of experience as an Informix DBA on Unix (Solaris) (2006 - 2014)
- 5 years of experience as Oracle DBA on Unix (2013-2018)

Focused Database Designer with 21 years of experience in full lifecycle development. Adaptable in understanding businesses changing needs and objectives when creating and redesigning databases. Collaborative team player with strong interpersonal and communication skills useful when working with project managers to define project timeline and scope. Self-motivated with excellent task management abilities. Proactive Database Administrator with 21 years of experience in database development and production environments. Proven skills in security management, database maintenance and establishing backup and recovery processes to safeguard data. Well-versed in various programming languages, including Shell-scripting and PowerShell. Strategic Database Architect with 21 years of experience in design, architecture and data modeling. Track record of successfully managing all phases of software development lifecycle (SDLC). Analytical problem-solver skilled at identifying and resolving technical issues. Multi-talented Database Administrator with 21 years of expertise in designing, testing and coding database solutions in various environments. Highly skilled in multiple technologies such as IBM DB2, Netezza Oracle and MSSQLServer. Motivated self-starter consistently meets deadlines and succeeds in high-pressure environments.

## SKILLS

- IBM Netezza Technical Mastery Professional
- IBM Certified Specialist - Netezza Platform Software v6, V7
- IBM Netezza Database Administration with Subject Matter Expert Handling Large database (OLTP) in TB's.
- IBM Certified Solutions Expert DB2 Database Administration for UNIX, Windows and OS/2
- IBM DB2, Netezza, Oracle, MSSQLServer DBA
- AIX, Windows
- VERITAS Backup, TSM Backup
- Capacity planning
- COBOL
- COGNOS
- Good communication skills
- Client, Problem solving
- Data Warehouse, Processes
- Database, Programmer
- Databases, Project management
- Database Administration
- DB2, Quest
- Designing, Quick learner
- Editor, Self-starter
- Erwin
- UNIX/LINUX Shell scripting
- FTP
- Solaris
- WebSphere, SQL
- IDS, System Administrator
- Oracle DBA
- Informatica
- Informix 7.x
- Informix 9.4
- INFORMIX, TSM
- JCL
- Korn Shell, UNIX
- Job control language (JCL)
- Database analysis
- Database administration
- Data testing
- Writing queries
- Microsoft SQL
- Microsoft PowerShell
- Continuous process improvement
- Data conversion and migration
- Root cause analysis

## EDUCATION AND TRAINING

Juniata College  
Huntingdon, PA • 1996

B. S: Computer Science/Math

- Completed professional development and training in IBM DB2, Netezza
- EDS Systems Engineer.

## CERTIFICATIONS

- IBM Certified Solutions Expert DB2 Database Administration for UNIX, Windows and OS/2
- IBM Netezza Technical Mastery Professional
- IBM Certified Specialist - Netezza Platform Software v6, V7

## EXPERIENCE

### Tiaa - Sr. Database Administrator

*Middleton, WI • 10/2003 - Current*

- Established hardware requirements and devised storage capacity solutions for DW systems.
- Defined database design specifications based upon project requirements.
- Performed quality assurance processes to support data warehouse improvements.
- Designed, built, implemented and maintained DW systems (DB2 and Netezza)
- Partnered with project management teams on development of scope and timelines.
- Handled all DBA tasks such as database's logical and physical design, DB objects creation.
- Installed, maintained, implemented, and upgraded databases on various platforms.
- Administered, maintained, and implemented policies and procedures for ensuring the availability, security and integrity of all databases.
- Developed and administered reorg, backup, and recovery procedures including DR solution.
- Designed and implemented data structures and databases on multiple platforms.
- Created database monitoring tools/scripts and proactively monitored database Performance, Buffer Pools, Critical alerts, and database Space & index Utilization to meet all database expected goals.
- Provided DBA support for applications.
- Participated in 24x7 ONCALL support rotation.
- Worked together with ETL and BI team to develop the best efficient way to load and extract data.
- Strong analytical ability and good communication skills.
- Effectively working with multilevel personnel and project management.
- Self-starter, quick learner who can figure out the inner workings of existing systems.
- Willing to work overtime and provide high quality production 24/7 pager support.
- Expert in trouble shooting, and production problem solving.
- Always work with efficient, confident, thorough, optimistic and positive attitude.
- Perform and play a backup role for various SA(System Administrator) tasks (i.e.
- Create and mount filesystems, raw devices, create and reset UNIX userids, monitoring filesystems, CPU, memory and paging usage, etc...), Lead DBA team at the BCBSMA(Healthcare) account to design and implement the MQ replication project where the source is DB2 on z/OS and the target is DB2 UDB on AIX.
- EDS Innovation award winner, design an automatic program to sync-up replication when load utility is used with log based replication (MQ replication).
- Design and Review for ALL DW projects, performance and tuning for the Enterprise Data Warehouse (EDW).
- Provide ongoing production support including creating and updating DB2 instances, DB2 databases , performance and tuning, backup and restore, planning and install software and fixpaks for DB2, Netezza, INFORMIX and ORACLE.
- Designed and implemented automatic database monitor(tablespace usage, invalid object, db2 log and temp space, etc), database alerts(run away query), server alerts (CPU, Memory, I/O usage) using UNIX korn shell scripting, AIX and DB2 commands, and DB2 table function and SQL.
- Perform logical to physical data object translation.
- Participate in hardware capacity planning.
- Mentor junior DBAs and Application DBAs.
- Provide DBA support for applications.
- Participate in 24x7 pager support rotation.
- Participated on IIAS training and migration process from current NPS platform onto IIAS platform.
- Environment: DB2 UDB V10.5,V11, IDS 11, NPS ,NPS 7.x.x Oracle 9i, 10G and 11G, Informatica, Oracle Data Integrator(ODI), Korn/Bash Shell scripting, Perl, AIX, crontab, TSM, EMC, Solaris, Windows.

### Tiaa - Sr. Database Administrator

*Mount Laurel, NJ • 03/2001 - 10/2003*

- Designed and implemented the Enterprise Data Warehouse.
- Provided ongoing support for all corporate UDB EE/EEE databases including: backup / restore; performance tuning; creating instances; automating database maintenance activities.
- Mentored junior DBAs
- Tested and implemented software upgrades.
- Provided DBA support for applications.
- Helped in designing ETL processes for the DW project.
- Participate in 24x7 pager support rotation.

### Square Trade - Database Administrator

*San Francisco, CA • 09/1998 - 03/2001*

- Responsible for the development and execution of loads, exports, runstats and reorgs.
- Led in backup and recovery design for the Enterprise Data Warehouse.
- Performed logical to physical data object translation.
- Maintained security; performance tuning.
- Participated in hardware capacity planning.
- Tested and implemented software upgrades to multiple database environments.
- Implemented of a large dimensional warehouse.

### EDS - System Engineering/DB2 DBA

*City, STATE • 04/1996 - 09/1998*

- Completed and graduated the, System Engineering training program.
- COBOL, ACL and JCL programmer and a DB2 DBA.
- Environment: COBOL,ACL, JCL, MVS, TSO, DB2, Windows.

## ACTIVITIES AND HONORS

- Math and Computer tutor at the local library WFL (Wareham Free Library) (2009 - 2011)
- Helped in the Soup Kitchen at the Boston Food Bank. (1991 - 1992)

## ACCOMPLISHMENTS

- Obtained IBM DB2 and Netezza certification.
- Recognized as EDS MVP for outstanding performance and team contributions.
- EDS Innovation Award winner.
- Consistently maintained high customer satisfaction ratings.

## WEBSITES, PORTFOLIOS, PROFILES

- <https://www.linkedin.com/in/Jessica-Claire-0889453>