**ARMANDO BLANCAS**

Database Administrator with over 16 years of experience working on Financial, Security, Travel, TV, and EntertainmentSectors. I am a lot of responsible and confident, I like self-learning and study new technologies relate with IT.

**SUMMARY:**

* 16+ Years of experience management MS SQL Server on version 2000, 2005, 2008, 2008 R2, 2012, 2014, 2016, 2017 and 2019.
* Strong experience installing, configuring and working with environments in high availability on premises and Cloud environments (AWS), (Azure) and (GCP).
* Experience designing databases.
* Hard experiencedesigning architectures for environments standalone, high availability and disaster recovery on-premise and Cloud.
* Configure Replication Transactional, Merge and Snapshot on MS SQL.
* Configuration of Log Shipping on MS SQL.
* Install and management SSRS and SSAS.
* Install and clustering configuration for environment in High Availability for MS SQL (Always On).
* Implementing and schedule plans for maintenance (Update Statistics, Rebuild Index, clean Log and referential integrity).
* Design strategy for Back Up´s (Full, Differential, Transaction Log and copy-only backup)
* Management security and user access on databases.
* Implementing Inventory of databases.
* Migration of databases between differences versions.
* Migrating databases from stand-alone environments to Cloud.
* Migrate views and store Procedures.
* Install Cumulate Updates.
* Hardening databases environments.
* Planning of maintenances windows.
* Experience in drawing ER diagrams, Data Flow Diagrams/Process Diagrams.
* Experience in Power shell Scripts, Batch processes, Import, Export, Backup,
* Database Monitoring tools Grafana and ICINGA.
* Solarwinds monitoring for infrastructure and databases.
* Ability to migrate legacy SQL installs to modern methods.
* Continuous security and maintenance of all SQL instances.
* Validation of our entire SQL environments with constructive recommendations for improvement.
* Experience Using SQL Profiler traces and other tools to find the most frequently run queries and debugging skills.
* Expert-level knowledge of backups, restores, recovery models, database maintenance operations.
* Extensive experience in Analysis, Design, Coding and Testing. Strong analytical, logical and problem solving skills and ability to quickly adapt to new technologies by self-learning
* Extensive experience in IaaS and PaaS, Installed and Maintained SQL Servers instances in Azure, GCP and AWS.
* Strong Experience upgrading databases between different versions MSSQL (2000, 2005,2008,2012,2014,2016,2017 & 2019)
* Good expertise in Migration databases of SQL Servers, MySQL & PostgreSQL from on-Prem to Azure, GCP and AWS and setting up HA & DR, site recovery Solutions using Azure, GCP & AWS.
* Planning and implementing the Snapshot, Transactional Replication and Merge Replication of MS SQL Server Databases, successfully configured/administered transactional replication.
* Backup and Restore VLDB databases using Veritas NetBackup.
* Successfully implemented High-Availability solution in MS SQL Server Cluster environments database. Implemented disaster recovery for SQL Server Production Database as Fail-Over or Standby servers.
* Experience using Remedy and Jira for Ticketing and Incident Management system (TIMS) and Change Management (CM).
* Wrote Stored Procedures and Triggers, formulated Backup/Recovery strategies, Optimizing Query Plan and Performance Tuning.
* Excellent working experience in SQL Server 2000/2005/2008/2012/2014/2016/2017/2019.
* Using Enterprise Manager, Query Analyzer, System Monitor/Performance Monitor, Event Viewer, SQL Profiler, Index Tuning Wizard, Upgrade Wizard, Data Transformation Services (DTS), SQL Server Management Studio, SQL Server Surface Area Configuration, SQL Server Configuration.
* 7 Years’ Experience managing MySQL and Postgres Engines, installation, configuration setup, master slave replication, implementing maintenance plans, DB systems administration, and provisioning, troubleshooting database performance problems.
* Migrate databases on PostgreSQL deprecate to new versions.
* Using DBBeaver.
* Linux OS, server and data storage systems configuration, capacity planning, utilizing scaling methods.
* MySQL best practice engine, demon variable configuration and optimization.
* Using workbench.
* MySQL, SQL (DDL, DML), XML, shell programming code development.
* Implementing environments for databases on Dockers.
* 1 year management Oracle 18.
* 1 year management Mongo DB.

**TECHNICAL SKILLS:**

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| **Languages** | Transact SQL, PL/SQL, C |
| **RDBMS** | **MSSQL Server Versions:** 2005/2008/2008R2/2012/2014/2016/2017 & 2019  **MySQL Sever** : Versions: 5 & 8  **MariaDB Version:** 10.5, 10.6, 10.7 & 10.8  **PostgreSQL Versions**: 10, 11, 12 & 13 |
| **Operating Systems** | Windows Server 2003/2008/2012/2016/2019 LINUX and Centos 6 & 7 |
| **Tools** | Red Gate, Dockers, Git, Jira, Grafana, Solarwinds, Vsphere, Ultra edit, SQL Examiner  SQLCompare, SQLDataCompare,  MySQL workbench,Pg Admin, Grafana, DBeaver, SentryOne, MobaXtem, Slack, and Microsoft Teams |
| **Web Technologies** | HTML,VB Script. |

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| COURSES: |
| 20463C –Implementing Data Warehouse with Microsoft SQL Server., netec certificate partner of microsoft |
| November 2015 – December 2015 |
| 20466 – Implementing Data Models and Reports with Microsoft SQL Server., netec certificate partner of microsoft |
| November 2015 – November 2015 |
| 20467 – Designing Self-Service Business Intelligence and Big Data Solutions., netec certificate partner of microsoft |
| December 2015 – December 2015  **PROFISSIONAL EXPERIENCE:**  **Client: Pentalog Mexico (Trip Advisor), Needham MA.**  **Role: Database Administrator Sr.**May 2019 – Currently  **Responsibilities:**   * The main project was reduce the cost of licenses of MS SQL Servers the client have all the systems with enterprise licenses and my team and I designing a plan for migrate a lot of databases to Standard licenses and express edition achieving reduce the cost of licenses in a 45% even we change all licenses on developer and test environments with Developer licenses and those reduce 100% the cost. * Applying change like create or update new object like a stored procedure or new table or new Colum. * Working close with Developer team according new changes and implementation reducing the risk to down databases for bat practices. * Installing, managed and monitored multiple Development, QA and Production databases. * Setup backups. * All the time caching up the locks on databases then we implementing solution like a new index or sometimes when possible modifying the isolation level. * Migrating Instances with deprecate versions. * Following the Tickets on Jira and resolving unexpected issues. * Configure database alerts trying to reduce time of answer by DBA team. * Work with SAN, Network team, troubleshoot system and SQL Server performance issues, and proactively identify disk/Io bottlenecks issues, setup Monitoring and Alerting for the migrated systems. * Performed SQL server upgrades of SQL server 2000/2005 to SQL Server 2008/2012 and 2014/2016/2017/2019. * Setup High Availability solutions for Business Systems like Always On, Log Shipping, Mirroring and other Replication methodologies like snapshot replication, transactional replication and merge replication. * Created and Maintained the Always on Availability groups in cluster environments on premises. * Setup DR solutions and ran tests for different environments. * Provided support to Junior/Application DBA’s. * Developed automated scripts, standards and guidelines to maintain develop and administer the SQL Server database and wrote SOP’s for SQL Server. * Involved in creation and maintenance of entity relationship diagrams, Meta data repository and comprehensive system documentation including everything from environment configuration information to standards, policies and procedures. * Installed & administered two node cluster Active/Active on Microsoft Windows Server 2008/2012/2016/2019 Enterprise Edition on SAN environment * Migrating databases PostgreSQL to new versions. * Deal with owners of databases and according data for migrations. * Applying changes on databases production. * Troubleshooting issues on Production. * Verifying Backups and maintenances finish successfully. * Met with steak holders.   **Environment:** Windows Server 2012/2016/2019, MSSQL 2005/2008/2008R2/2012/2014/2016/2017 & 2019,MySQL, MySQL workbench, PostgreSQL, Pg Admin, Centos 6 / 7, Jira, GIT, AWS, GCP & Azure, Dockers, Ultra edit, Visual Studio Code, Centos 7, Slack, Grafana, Sentry One,  **Client: KAZ Consultant (TELEVISA), Mexico City**  **Role: Sr. Database Administrator** June 2017 – May 2019  **Responsibilities:**   * MySQL installation, configuration setup, DB systems administration, provisioning, troubleshooting database performance problems. * Linux OS, server and data storage systems configuration, capacity planning, utilizing scaling methods. * Write custom reports for in house DBA monitoring tool to help management analyze data. * Code reviews, setting up systems for identifying bottlenecks and quality of code, Setting Up Code migration processes * Trouble shooting the Production Performance issues that come up from development code migration * Setting up best practices for coders to do development of code for Large database. * Optimizing code for very large databases * Setting up standards and best practices so that the code is scalable and the application is scalable for very large database standards * Reviewing new features in latest developments that take place in the test version of sql and make sure that applications take benefit of those features, * Troubleshooting production performance and Setting up maintenance jobs for vldb   **Environment:** Windows Server 2016/2019, SQL Examiner, SQL Sentry Plan Explorer, Red Gate SQL Compare9, Red Gate Data Compare8, ER/Studio Data Architect 9.0.1, JIRA, GIT, Dockers, MSSQL Server 2016/2017/2019, Slack, Grafana, Microsoft Teams.  **Client: Promologistics, Mexico City**  **Role: Sr. Database Administrator** April 2012 – June 2017  **Responsibilities:**   * MySQL best practice engine, demon variable configuration and optimization * MySQL, PL/SQL, SQL (DDL, DML), XML, shell programming code development * Installed and configured More than 200 SQL Servers in a Standard and Cluster environment. * Developed automated scripts, standards and guidelines to maintain develop and administer the SQL Server database * Wrote custom reports for in house DBA monitoring tool to help management analyze data. * Migrated the SQL Databases from On-Premise to Azure SQL Database/Azure VM and Azure Managed Instance * Involved in Environment Modernization Activities and Server Migrations. * Created and Maintained the Always on Availability groups in SQL Server 2016. * Setup DR solutions and ran tests for different environments * Migrated SQL Servers 2008 R2/2012 to SQL Server 2016 * Analyzed long running /slow queries and tune the same to optimize application and system performance. * Used tools like SQL Server Management Studio, SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor.   **Environment:** SQL Examiner, MySQL, MySQL workbench, PostgreSQL, Pg Admin, Centos 6 / 7, Windows Server 2012/2016/2019, MS-SQL Server 2008/2008R2/2012/2014/2016, GIT, AWS.  **Client: CE Consulting, Mexico City**  **Role: Sr. Database Administrator A**ugust 2008 –March 2012  **Responsibilities:**   * Installed and configured More than 40 SQL Servers in a Standard and Cluster environment. * Maintained more than 100+ SQL Servers that includes around 700 Databases. * Involved in VM Farm Setup and SQL Server Performance Testing in VMware * Developed automated scripts, standards and guidelines to maintain develop and administer the SQL Server database * Worked with offshore DBAs/offshore Developers * Involved in Environment Modernization Activities and Server Migrations. * Installed SQL Server Enterprise 2008 R2 64bit version on Windows Server 2008 R2 Enterprise systems * Migrated SQL server 2000 to SQL Server 2008/2008 R2 * Installed and administered two node cluster Active/passive on Microsoft Windows Server 2008 Enterprise Edition on SAN environment * Involved in migrating Physical SQL servers to VMware * Migrated DTS packages from SQL Server 2000 to SSIS SQL server 2008. * Analyzed long running /slow queries and tune the same to optimize application and system performance. * Used tools like SQL Server Management Studio, SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor. * Responsible for monitoring and making recommendations for performance improvement in hosted databases. This involved index creation, index removal, index modification, file group modifications, and adding scheduled jobs to re-index and update statistics in databases.   **Environment:** Windows 2008 R2/2008/2003, MS-SQL Server 2000/2005/2008/2008R2, SQL Examiner ,MySQL, MySQL workbench, PostgreSQL, Pg Admin, Centos 6 / 7,  **EDICATION:**   * Escuela Superior de Cómputo ESCOM - IPN, Mexico City Computer Systems Engineering - July 2006 |