

SQL Server DBA/Developer SQL Server DBA/Developer SQL Server DBA/Developer - Electric Power Group Database Administration and Management Have solid professional knowledge and experience on Installation and Configuration, Monitoring and Health Check, Reporting, and Maintenance with troubleshooting capabilities Have Strong working experience as a Database Administrator in MS SQL Server (2008R2/2008/2016/2014/2012/2016) in Prod, Dev and Test (Clustered, Stand Alone, and VM Servers) Environments Extensive work experience in TempDB configuration, shrinking, compression, and database optimization Extensive work experience in applying latest Service Packs and Security patches in Dev, test and Prod environment Good experience in configuring Database mail and automation of administrative tasks such as Maintenance plans, Jobs, and Alerts using SQL Server Agent Implemented Linked Servers within SQL Server environment Have work experience on Database Partition, Distributed Database Management System Performed Database Refresh on Developing and Testing environment from Production Performance Tuning and Database Health Experience in the areas of Monitoring Server and database health check, databases Performance tuning (Disks space Utilization, troubleshooting, optimizing and tuning, block and deadlock issues, index fragmentation, slow running query using native tools (Profiler, Execution Plan, Database Tuning Advisor) Experience in using third party tool Solar wind Monitor SQL Temp DB, Server Error Log, DB Usage space Have solid experience with Optimization and Managing Index by creating, modifying (Clustered/Non-Clustered), rebuilding index, Constraints (Unique/Check/Default), Views, Developed Different Maintenance Plans for database monitoring Have Strong work experience on DMVs, DMFs, DBCC, system stored procedure Security and Encryption Experienced in implementing security on different levels like Server, database, managing users, granting/revoking access, data masking, Transparent Data Encryption (TDE) /Decryption , auditing, and monitoring to comply with Microsoft and industry best practices Managed Server, Database, Object, Role, and Schema Level Permission for individual and group service accounts Experience in implementing securing data when travelling with the help of SSL, IPsec High Availability and Disaster Recovery Hands on experience in implementing, configuring, monitoring, and administering 'Always On' on SQL

Server 2012/2014/2016 Configured WSFC Clustering in VMware Environment Installed, Configured and Maintained Database Mirroring with the witness Server using automatic Fail-Over in SQL Server. Configured database snapshot for reporting and load balancing purpose Configured Log Shipping as Standby database from Production database for Reporting purposes Configure and Maintain Transactional, Snapshot and Merge Replication Strong knowledge and experience in capacity planning and implementing disaster recovery solutions- database Backup, Restore, Point-in-Time Recovery in accordance with RTO, RPO, SLA guidelines. Reporting Great working knowledge and experience in installing, configuring and managing SSRS Developing, deploying and managing reports using SSRS and Report Builder 3.0 Reports like daily, weekly, monthly, quarterly and Ad-Hoc Reports, Sub Reports, Group/Multi Group Drill-down, drill through Report, display all the rows in single page reports, Block Group Reports with Subtotal and Grand total, Parameterized Reports using SSRS Installation Installed, Configured, Managed and applied Service pack/Security Patches to SQL Server 2016, 2014 2012, 2008R2 in development, test and production environment ETL Tools Installed, Configured, and administered SQL Server Integration Services (SSIS) Skilled in ETL Operations, Batch Process, Export & Import data from Excel File, Flat file, CSV file to/from SQL Server Database using DTS, BIDS, SSDT Developed, Converted, Deployed SSIS Packages using Visual Studio to SSDB Catalog in development, testing, production environment. Scheduling jobs, alerts and notifications on SSIS package after deploying in SSDB Catalog Database Migration Experienced in upgrading SQL Server 2008 R2 instances to SQL Server 2012/2014/2016 and documented Experienced in migrating SQL Server 2012 instances to SQL Server 2014 Migrated Database from Oracle 10gR2/11g, MySQL 5.5.1 to SQL Server 2012/2014 and documented Export & Import data from My-SQL and Access databases to SQL Server Migrated Azure SQL Server to on premises SQL Server Work Experience SQL Server DBA/Developer Electric Power Group - Los Angeles, CA August 2018 to Present Installed, configured and managed MS SQL 2016, 2014, 2012 and 2008R2 servers on Production, Testing/Staging and Development Environments Involved in creating Schemas, Logins, Tables, Clustered and Non-Clustered Indexes, Views and Stored Procedures and troubleshooting problems

by using SQL server profiler Configured and Maintained Always On Availability Group using SQL Server 2016/2012 with Synchronous automatic- failover mode Configured, managed and monitored database mirroring with automatic Failover and database snapshot Implemented Transactional and Snapshot Replication between Servers, troubleshot and monitor Publishers, Distributors, and Subscribers Configured, Monitored and troubleshot Log Shipping as Standby database for Reporting / Replication (Transactional, Merge) Advanced SQL Server Maintenance through custom SQL scripts (Index Management and maintenance, Statistics Update, Consistency checks, Maintenances Cleanup) Plan, Schedule and optimizing the Backup strategies which include (Database and Log Backup, Restoration, Backup Strategies, Scheduling Backups. Backing up system databases and restoring them when necessary) Conducting the root cause analysis of application availability and narrow down to issues related to coding practices, database bottlenecks, or network latency Fine Tune and improve Database Performance using SQL Server Profiler, Execution Plan, DMV, DBCC, indexes, Activity Monitor Proactively monitored the production/development servers in the SQL Server farm by checking the daily reports generated by the SolarWinds SAM (Server and application monitor) monitoring tool Extensively used SSIS transformations such as Lookup, Derived column, Data conversion, Aggregate, Conditional split, and Execute SQL task etc Developed Different Maintenance Plans such as backups, index management, fragmentation, cleaning history, deleting old files

Web Analyst OraMetrix - Dallas, TX
October 2017 to May 2018 Digitally promoted company's website through Google Adwords campaign which increased customer base by 30% Developed automation scripts in Google Adwords to extract campaign data in Excel and generate statistical reports Utilized SSIS for extracting data from multiple sources to load it into a central repository with some transformations

Analyzed KPI's and trends on Piwik tool that helped in increasing market visibility and designed dashboard on Tableau PowerBI Developer/Data Analyst Spectrum - Denver, CO May 2017 to August 2017 Imported Sales data from SQL Server Express into PowerBI and managed relationships between facts and dimension tables Built effective Sales Report/dashboards using visualizations such as Bar Chart, Line Chart, Donut Chart, Map, Tree Chart, Table and Matrix

Visuals, Slicers, Gauge for goal setting etc. Utilized Advanced DAX functions to calculate Rolling Average of Sales per week and Running Total of customer base over time Finally pushed the report on Cloud (PowerBI Service) and created app for easy access of the report to clients

SQL Database Administrator/Developer Infosys - Pune, Maharashtra June 2014 to June 2016 Installed, Configured and maintain SQL Server 2008 R2, 2012, 2016 (Always On/Standalone and VM) in Dev/Test/Prod environment Performed database/infrastructure physical design, database upgrades & applied software patches to databases as per application/client requirements Data Modeling, developing E-R Diagram using ERWin and SQL Server Data Diagram Upgraded/Migrated SQL Server 2005/2008R2 to SQL Server 2012 and Transferred Logins using SSIS package, Data and Log files, backup files, and Jobs for side-by-side Upgrade/Migrate Migrated MySql database to SQL Server database using SSMA Configured, Monitored and troubleshoot Log Shipping as Standby database for Reporting / Replication (Transactional, Merge) Securing SQL Servers and Databases, manage users, Data encryption, granting/ revoking access Data Encryption and Decryption for data security in Database & Column level, securing travelling data by applying SSL Certificate Developed, tested & implemented a robust database backup and recovery strategy with client assistance Managed Backup/Restore, Point-in-Time Recovery including backup verification, security Set up, configured, created and deployed reports from BIDS/SSRS. Provided access to SSRS reports Developed, deployed, and managed Reports like ad hoc, parameterized, grouped, drill down and sub report in SSRS using multiple sources Have used SharePoint servers to deploy script in Prod/test/dev environments Experienced in using DBCC commands to manage database consistency and repair as needed Used DMVs and DMFs to monitor the health of a server instance, diagnose problems, and performance tune Developed SSIS packages to perform various ETL operations from/to various sources and destinations using SSDT, SSIS, Import/Export Wizard for SQL Server 2008R2/2012 Extensively used SSIS transformations such as Lookup, Derived column, Data conversion, Aggregate, Conditional split, and Execute SQL task etc Used T-SQL, Stored-Procedures, Triggers, Cursor, Function, Views, Indexes Implement and manage Database Backup and Disaster Recovery procedure Executed

Change management scripts on weekly basis Developed Different Maintenance Plans such as backups, index management, fragmentation management, cleaning history, deleting old files

Environment: SQL Server 2005, 2008R2, 2012, IIS 7.5 Windows Server, 2003R2, 2008R2, Java, ETL and AD (Active Directory), My SQL, Service-Now, JIRA, VM Server, Redgate, SharePoint, SSMA Education M.S. in Information Technology and Management The University of Texas at Dallas - Dallas, TX May 2018 Skills MS SQL SERVER (2 years), SQL (2 years), SQL SERVER (2 years), DATABASE (2 years), MAINTENANCE (2 years), DBA, Sql DbA, MYSQL, ETL Links <http://www.linkedin.com/in/harpreet-singh-arora> Additional Information Operating Systems (OS) Knowledgeable on 64/32 bit SQL Servers and Windows Server Systems Good knowledge and working experience in Operating Systems (O/S) - Windows Server 2008 R2, Windows Server 2012 R2 including Active Directory Domain Services Installed, Configured, and Managed VMware Backup/Recovery Performed different daily routine backup jobs by using maintenance plan Verified backup and solved problem as needed Performed tail log backup for point in time recovery based on the disaster recovery Restored Database from backup file Server to production

Performed backup and restore using third party tool Redgate Database Design and Data Modelling Having excellent experience in SQL Server and Database Architecture Have wide knowledge and experience in Database Design, Developing, Managing, Normalization, Denormalization, Adding Constrains, Checking data Integrity Expertise in need assessment, logical/physical database design, reverse/forward engineering using third party tool Erwin and native tools T-SQL and Programming Proficient in writing T-SQL batches and developing Indexes, Stored Procedures, Triggers, SQL joins, Views, Cursors, variables, sub-queries Have Basic knowledge on LINUX

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