

Ajeet Singh

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Mob:- +91-9953165439

Current Location: - Noida, India

Present Company: - Tata Consultancy Services (TCS)

International Experience:-

Past Location- Mulheim, Germany, NRW, Europe

Duration in Germany:- March 2023 to Feb 2024

Project:- ALDI Sud (e-commerce and its warehouse)

Worked on projects: - Media, Telecom, Airlines, e-commerce & Pharma

Career Summary:-

- ❖ Qualified MCA (Master of Computer Application) with 15 years of prolific working experience in Database Administration, Performance Tuning and Operations Support.
- ❖ Presently associated with TATA Consultancy Services Limited, Noida as Senior Database Administration.
- ❖ Proficient in MySQL, MariaDB Cluster, Percona, Terraform and AWS RDS, Azure Database Administration.
- ❖ Proficient in PostgreSQL for all Administration tasks
- ❖ Proficient in Database Migration, Upgrade, Installation and all Administration tasks.
- ❖ A self-motivated, responsible, and reliable team player with a set of strong technical skills.

Roles

Database Administrator

Responsibility:-

MySQL, MariaDB with MaxScale and Percona

- Installation various versions of MySQL/MariaDB/Percona/MaxScale across multiple environments and configuration on Window and Linux.
- Installation of multiple DB services on same Linux server.
- Proficient writing the shell scripts on Linux server.
- Experience on INNODB, MYISAM Database engines.
- Configuration of Master-slave, Master-Master Replication and Manage.
- Experience in Performance Tuning, Query Optimization, Client/Server Connectivity and MySQL security.
- Managing database users & privileges, creating users, assigning privileges, monitoring database.
- Troubleshoot database issues, maintain database systems availability and scalability.
- Experience on tool Service-now to manage the incident and tickets.
- Modifying the database structure.
- Database Performance optimization by finding and diagnosing slow-running queries.
- Experience on Upgrading database service from lower to higher version.
- Expertise on technical documentation as per project plan, development strategy, test and implementation strategy and worked on CMMI level 5 patterns for documentation.
- Good analytical, problem-solving skills, verbal, and written communication skills.
- Monitoring database health, usage, growth of database size, and disk spaces on a regular basis.
- Expertise in database migration from MyISAM format to InnoDB storage engine.
- Preparing backup strategy and taking back-up of databases.
- Expertise in DB backup, recovery, import/export/mysqldump and restoration.
- Experience on Tool Percona Xtrabackup, Innobackup and Mariabackup to take the hot backup.
- Experience on incremental backup using tool Percona Xtrabackup, Innobackup and Mariabackup.
- MariaDB installation for standalone server and Galera Cluster Server to able high availability, upgrade, and migration.
- Experience on all tasks for MariaDB like backup, recovery, installation, upgradation, user management, and troubleshooting the issue.
- Experience on SST and IST in MariaDB Galera Cluster and adding a new node in Cluster.
- Experience on Load balancer or HA package MaxScale and Manage.
- Experience on HA Proxy server MaxScale- new setup with cluster configuration as Active and Passive Node on Linux.
- Expertise on planning and DR setup for MariaDB, MaxScale, MySQL and Percona.
- Expertise on AWS to manage the database and RDS.
- Knowledge of Terraform.

PostgreSQL:-

- Installing and configuring PostgreSQL standalone and cluster.
- Experience on Replication like streaming and logical replication.
- Configuring and fixing the Issues with Pgadmin client application.
- Experience on backup like logical, Physical and restore.
- Good experience on EnterpriseDB- EDB PostgreSQL database.
- Experience on User management, shell scripts, performance tuning, Migration, and Upgrades.
- Expertise on switchover, failover, REPMGR configuration and EFM Enterprise failover Manager.
- Cloning the Development, test and UAT environments with production data
- Design and implement disaster recovery for the PostgreSQL Database.
- Configuring third client software pgadmin, phppgadmin to access the database server.
- Identifying and resolving incidents and address to user problems/concerns. Trouble shooting database issues.
- Coordinating of Service Request (SR) with business team and providing them SQL queries.
- Monitoring of system logs, OS logs, database logs, trace files, database alert files to detect and troubleshoot runtime problems.
- Support developers for efficient SQL query and Identifying long running queries and optimizing. Setup/Maintenance of Test/Development/UAT Servers setup.
- Active participant in discussions related to Backup Strategy, DC/DR architecture. Maintained, patched, and upgraded servers as required.
- Disaster recovery planning or Emergency Recoveries and Ensuring Recoverability of Databases.
- Optimize postgresql.conf for performance improvement. Review all PostgreSQL logs for problems.
- Expertise on cron jobs for backups, re-Indexing & vacuuming & materialized views executed properly on 24/7 high availability Postgres production and development databases.

Skills:-

Software Skills	Skill as a DBA:- MySQL, PostgreSQL , MariaDB Galera Cluster with MaxScale HA, Percona, MySQL, AWS, Terraform and Azure OS:- Linux and Winnow
Tools Used	MySQL workbench, Percona Xtrabackup, Innobackupex and Mariabackup, Service-now, Spunk and SolarWind
Domain	Database domain
Management Experience	Database management and Team Lead

Achievements & Awards:-

Award Name	Award Date	Award Category	Award SubCategory
On The Spot Award in TCS	22-May-2021	Awards for Excellence	On The Spot Awards
Service & Commitment Award in TCS	04-Apr-2021	Service Awards	Service Award
On The Spot Award in TCS	09-Feb-2021	Awards for Excellence	On The Spot Awards
On The Spot Award in TCS	20-Feb-2019	Awards for Excellence	On The Spot Awards

Education & Learning:-

Qualification	Subject	Board	Passing Year
MASTER OF COMPUTER APPLICATION	Computer Application	Bundelkhand University Jhansi	2009
Bachelor of Science(B.Sc.)	Physics, chemistry and Mathematics	Dr. BR Ambedkar University Agra	2006
12 th	Science	UP Board	2003
10 th	Science	UP Board	2001

Certifications:-

Certification Name	Aquired On
Oracle Certified Professional, MySQL 5.7 Database Administrator Certification	18-Aug-2021
Process : Agile Way of Working Foundation	20-Dec-2019
RiO : Awareness of RiO Focus Areas Foundation	02-Jun-2018
BPS : Environment Health & Safety Foundation	11-Feb-2020
Process : ITIL Foundation Certification	07-Feb-2020

Experience:-

Company Name	Technical Skills as DBA	Start Date	End Date	Duration	Roles
Tata Consultancy Services(TCS)	MySQL, MariaDB Galera, Percona, HA Proxy MaxScale, AWS, AWS RDS, Azure, Terraform and PostgreSQL.	April-2018	Present	6.5 Years	Senior DBA
DB Corp Ltd	MySQL, MariaDB, Percona, PostgreSQL	05-Sep-2016	29-Mar-2018	1.6 Years	Senior DBA
Momagic Technologies Pvt. Ltd	MySQL, MariaDB, Percona	01-Mar-2016	03-Sep-2016	6 Months	Senior DBA
Getit Store Pvt. Ltd	MySQL, MariaDB, Percona	22-Apr-2013	29-Feb-2016	2.8 years	DBA
Infotech Enterprises Ltd(Cyient Ltd)	MySQL	22-Jul-2009	17-Apr-2013	3.8 Years	Junior DBA

Personal Details:-

Father's Name : Shri Siyaram Singh
Date of Birth : 05 March 1987
Civil Status : Indian, Male and Married
Language Known : English and Hindi.
Hobbies : Playing cricket
Religion : Hindu
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Place: Noida

Date:

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