**V.SAMEERA REDDY**

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| PROFESSIONAL SUMMARY: |

* PostgreSQL DBA with 3+ years of experience on AWS cloud.
* Experience in PostgreSQL installation, Configurations, Backup &Restore, High Availability, Security and Performance Tuning, User maintenance, Tablespace management, PITR and Upgradation
* Proficient with Backup and Recovery using hot and cold physical backup and recovery & traditional utilities like Pg\_dump,pg\_dump all, pg\_basebackup and pg\_restore utilities.
* Good knowledge in following incident, change and problem management process.
* Experience in overall database administration(PostgreSQL) Database server setup, High availability , Hot-streaming replication ,failover, Disaster recovery .
* Working for database operations on 24/7 environment.
* Experience in setting up database alerts on RDS CloudWatch as well as knowledge on pgwatch2 monitoring tool.
* Experience on Amazon web services – Amazon EC2, RDS, EBS, EFS, S3,
* Knowledge on AMI,IAM , VPC, Route 53, SQS/SNS Auto scaling and Cloud watch.

TECHNICAL SUMMARY:

Operating System : Windows, Linux RHEL

        RDBMS :  PostgreSQL 9.6/10.x/11

Cloud : AWS

Tools : Pg\_admin,Pg\_bouncer

PROFESSIONAL EXPERIENCE:

* Worked as PostgreSQL DBA in TCS from June 2019 to till date.
* Worked as Adminstator in VIKAS JUNIOR COLLEGE from May 2013 to June 2018.

EDUCATIONAL PROFILE:

Master of Business Administration from Osmania University 2011.

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| PROJECT |

         Client : National wide Mutual Insurance

            Role :  PostgreSQL DBA

    Environment :  Postgres 9.6/10.x /11.x, AWS EC2, RDS

    Operating system :  LINUX REDHAT 6.x,7.x,8.x

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| RESPONSIBILITIES: |

* Monitoring and maintaining DB’s for their Optimal Performance and ensuring 100% availability of the DB’s.
* Prepare weekly and monthly reports on database health check and growth.
* 24 X 7 Production Database on Call Support
* Installing, configuring PostgreSQL using source code, RPM and one-click installation
* Monitoring databases and database Backup failures and re-run failed production backups.
* Worked on Upgrading database from 10.2 to 11.2
* Automation of Monitoring to generate mail alerts for space and backup failures
* Resolving DB Space issues and user connection issues
* Monitoring the scheduled jobs and resolving the failed ones.
* Responsible for DB availability, security and reliability.
* Raise a change request, get it approved by CAB of the times QA ,implement the change and send incident report, RCA report and change report.
* Installing, configuring PostgreSQL using source code, RPM and one-click installation
* PostgreSQL server setup / replication configurations and support
* Database migrations based on clients requirement
* Backup and Recovery of PostgreSQL Databases
* Configuring PEM (Postgres Enterprise Manager) and PG\_Admin tools for database connectivity from the client locations.
* Maintained and optimized database and application performance through tuning.
* Generate database log analysis report pg\_ badger to identify resource intensive queries and tune them for optimal performance.
* Perform database maintenance activities such as database statistics collection using analyse, vacuuming heavily bloated tables and reorganize, reindex tables on daily/weekly basis.
* Install customized extensions like Pg\_stat\_statement, postgres\_fdw.
* Capacity management for effective resource utilization and optimization.

    Date:                                                                                                  Place: Hyderabad.