**BHARATHI**

**Mobile:** +91-9019240538 Email: [bharathi0538@gmail.com](mailto:bharathi0538@gmail.com)

**Certifications:**

1. PostgreSQL v12 Database Administration on WinLinux- Part 1
2. PostgreSQL v12 Database Administration on WinLinux- Part 2

**Professional Summary:**

* 7 years of experience in Postgresql as DBA.
* Involving in Postgresql administrative activities: - Postgresql installations and upgrades, Database Creation, Data Maintenance, Backup & Recovery, Monitoring & Performance Tuning, Security, Replication, Upgradation.
* Launching **EC2 & RDS PostgreSQL** instances, taking snapshots, tuning performance parameters.
* Configured **Streaming Replication** Setup.
* Performing data exporting and importing.
* Performing data maintenance activities.
* Providing 24\*7 Production support.

### Education:

* 10th from Sai Sree Vidya Niketan (AP Board)
* 12th passed from Town model (AP Board)
* BCOM Computers from VASAVI MAHILA KALASALA (SKD University)
* Master degree from AIMS College (Rayalasima University)

### Professional Experience:

|  |  |  |
| --- | --- | --- |
| Organization | Designation | Period of work |
| Longtail Web Services, Bangalore | Postgresql DBA | Jan 2021 to Till Date |
| Newfound Infotech, Bangalore | Postgresql Admin | March 2016 to Dec 2020 |

### Technical Skills

|  |  |
| --- | --- |
| Operating System | Windows, Linux |
| RDBMS | Postgresql 9, 10, 11, 12 |
| Tools & Utilities | AppManager, BMC Remedy, pgAdmin, pg\_dump, pg\_dumpall, pg\_repack, vacuum, analyze |
| Languages | SQL, Shell Scripting |
| Cloud | AWS, AZURE, EC2, RDS |

|  |  |
| --- | --- |
| Organization 1 | Longtail Web Services, Bangalore |
| Period | Jan 2021 to June 2023 |
| Position | Postgresql DBA |
| Operating System | Winodws, Linux |
| Database | Postgresql |
| Language | SQL, Shell Scripting |
| Responsibilities | * Launching **EC2** instances and **RDS** PostgreSQL instances. * Taking **snapshots**, and restoring databases with snapshots in RDS. * Tuning performance parameters in **RDS**. * Migrating databases from on-premise to AWS with **DMS.** * Monitoring databases with **Cloudwatch**. * Installing PostgreSQL on Linux, Windows servers. * Creating the PostgreSQL Instances, Databases, Tablespaces, Users, Tables, and Indexes. * Backup and Recovery by using **PG\_DUMP, PG\_DUMPALL, PG\_BASEBACKUP, PG\_RESTORE**. * Restore the database into another system by using **PG\_BASEBACKUP**. * Export and import by using **Copy** command. * Analyzing SQL queries using EXPLAIN and provide recommendations to application developers for performance issues. * Enhancing the application performance using **VACUUM, ANALYZE**. * Updating configuration parameters – **MAX\_CONNECTIONS, SHARED\_BUFFERS**. * Monitoring CPU, Memory and Disk space utilization. * Monitoring Database Utilization of PostgreSQL databases. * Monitoring the instance, database, tablespaces, sessions. Users, locks, long\_running\_sql. * Managing the space of database by resizing the disk. * Trouble shooting database issues. * Configured **STREAMING REPLICATION** setup. |

|  |  |
| --- | --- |
| Organization 2 | Newfound Info Tech, Bangalore |
| Period | March 2016 to Dec 2020 |
| Position | Postgresql database administrator |
| Operating System | Windows, Linux |
| Database | Postgresql |
| Language | SQL, Shell Scripting |
| Responsibilities | * Installing and creating the PostgreSQL Instances, Databases, Tablespaces, Users, Tables, and Indexes. * Launching **EC2** & **RDS** PostgreSQL instances. * Migrating databases from on-premise to AWS with **DMS.** * Monitoring CPU, Memory and Disk space utilization. * Monitoring Database Utilization of PostgreSQL databases. * Monitoring the instance, database, tablespaces, sessions. Users, locks, long\_running\_sql. * Managing the space of database by resizing the disk. * Backup and Recovery by using **PG\_DUMP, PG\_DUMPALL, PG\_BASEBACKUP, PG\_RESTORE**. * Restore the database into another system by using **PG\_BASEBACKUP**. * Export and import by using **Copy** command. * Analyzing SQL queries using EXPLAIN and provide recommendations to application developers for performance issues. * Enhancing the application performance using **VACUUM, ANALYZE**. * Analyzing SQL queries using EXPLAIN and provide recommendations to application developers for performance issues. * Configured **STREAMING REPLICATION** setup. |