PAWAN SHARMA

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Career objective

Acquire a challenging position with an organization offering opportunity for career & professional development.

Summary

- Having 12+ Years of experience as Senior PostgreSQL Database Administrator involved in end to end Automation of PostgreSQL Databases with handling of day to day Operational issues.
- Hands-on experience on database administration, disaster recovery principles and practices, including planning, testing, monitoring and backup/restore.
- Experience on writing cookbooks, Restful API in golang, python or shell scripts automate various day to day databases activities.
- Monitoring Database performance and proactively worked with app team to tune their queries.
- Having support & troubleshooting experience in 24x7 environments.
- Database design and implementation enhancements.

Technical Skills:

Domain

- Automobile IT System: - Dealer Management System in Automobiles Company
- Retail IT System:-Retail Business Intelligence and Retail Applications Support
- Airline\Aviation IT System
- Healthcare
- Contact Center Solutions IT System\Mobile Technology

Database

PostgreSQL 9, 10, 11, 12, 13,14 and PostgreSQL 15
- Pgbadger, Pgaudit, Pgbackrest, Slony-1,Pg-Pool,Ora2pg..etc
- 2-3 Year Working knowledge on MS-SQL and basic knowledge on Oracle.

DATABASE ADMINISTRATION SKILLS:
- Good knowledge in PostgreSQL database architecture and Primary components.
- Knowledge on PostgreSQL on Docker, Kubernetes and GCP.
- Database end to end Provisioning Automation.
- Configuration and maintaining database Backup and restore.
- Installation and Configuration of various tools pgbackrest, pgaudit, pgbadger, pgpool-II, pgbouncer, pgadmin, pgagent..etc
- Knowledge in Database architect.
- Experience in PostgreSQL HA using Patroni and Replication.
- Collaborate with development, architecture, and release teams, providing architectural design recommendations, driving standards for effective PostgreSQL transition to production operations.
- Experience in monitoring and maintaining development, testing and production environments.
- Creation of Clone Database for Development/Testing Environments.
- Maintaining PostgreSQL Patching and Upgrade.
- Worked as team member to provide 24x7 on-call production database support.
- Implementing and maintaining database security (create and maintain users, roles and assign privileges).
- Monitoring the production PostgreSQL alert logs for database errors.

CICD

Jekins, Github, Bitbucket

Programming Language and Automation tools.

- Golang, Ansible,
- Shell Scripting
- Chef Automation Tool (Recipes,Cookbook)
- RestFul API
- Basic knowledge of Python,PhP,HTML and JavaScript.

Orchestration tools

Docker, Kubernetes, Argocd, Ranchers

Others

- Grafana, Helm Charts, ArgoCD

Work History

21-Jun-2021 - Present	**Lead Software Engineer** *Lowes*
8-Apr-2019 - 11-Jun-2021	**Senior Software Engineer** *Target Corporation Pvt ltd.*
21-Dec 2016 - 6-Apr-2019	**Technical Lead** *Cognizant Solution Pvt Ltd* **Project Worked On: J&J**
01 Oct 2015 - 18 Dec 2016	**Junior Software Engineer** *Haygot Education PVT LTD*

Project Worked On: Toppr

30 Aug 2014 - 23 Sep 2015   Senior Product Engineer

Drishti Soft Solution Pvt Ltd

Project Worked On: Ameyo

18 Jan 2013 - 10 Aug 2014   Application Support and SQL DBA

Worked in IBM India Pvt Ltd On contract Basis.

Project Worked On: Carrefour-India

5 Dec 2011 - 18 Dec 2012   Technical Support Executive (SQL SUPPORT)

M/S. ITERATE INDIA PVT. LTD. (IIPL)

Project Worked On: General Motor India