Brianna Grayson

Database Administrator

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SUMMARY

Database administrator with 5 years managing PostgreSQL and SQL Server systems in healthcare and retail, covering backups, performance tuning and high availability. Cut average query time on the claims database by 65% through indexing and query rewrites, and designed the failover setup that has kept uptime at 99.95% for 2 years. Comfortable on call and explaining database risk to non-technical teams.

EXPERIENCE

Database Administrator — Piedmont Claims Solutions

Charlotte, NC · Feb 2022 – Present

- Manage 18 PostgreSQL instances supporting a claims-processing platform handling 40,000 transactions a day, maintaining 99.95% uptime over 2 years.
- Rewrote 12 slow queries and added 9 indexes on the claims database, cutting average report query time from 40 seconds to 14.
- Designed a streaming replication and automated failover setup across 2 availability zones, cutting estimated recovery time from 3 hours to 8 minutes.
- Led the migration of a 2.4 TB claims database from SQL Server to PostgreSQL with 6 minutes of downtime during a planned maintenance window.
- Set up automated backup verification for 18 databases, catching a corrupted backup chain before it would have caused unrecoverable data loss.

Junior Database Administrator — Cascade Retail Group

Charlotte, NC · Jun 2020 – Jan 2022

- Administered 6 SQL Server instances supporting inventory and point-of-sale systems across 90 stores.
- Tuned a nightly ETL job's queries and indexing, cutting its runtime from 5 hours to 90 minutes before the morning reporting deadline.
- Implemented role-based access control across 4 databases, closing a gap that had given 30 employees unnecessary write access.
- Supported a disaster recovery test twice a year, documenting the restore process so any team member could execute it.

SKILLS

Databases: PostgreSQL, SQL Server, MySQL (basic)

Operations: Backup and recovery, replication, failover, performance tuning, indexing

Tools: pgAdmin, SQL Server Management Studio, Datadog, Terraform (basic)

Security: Role-based access control, encryption at rest, audit logging

CERTIFICATIONS

PostgreSQL Certified Professional, 2022

EDUCATION

B.S. Computer Science, University of North Carolina at Charlotte, 2020

Fictional example by FindAJobAI: the person, employers and numbers are invented.