Aaliyah Monroe

Database Developer (SQL)

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SUMMARY

Database Developer (SQL) with 5 years of experience at The Home Depot and Cox Enterprises, building database-driven application backends and ETL integrations using T-SQL and PostgreSQL. Reduced application query latency by 70%, designed a 180-table operational schema from scratch, and hold Microsoft Azure Data Engineer Associate and dbt Certified Developer credentials.

SKILLS

T-SQL / SQL Server 2022 | PostgreSQL 15 | Azure Data Factory / SSIS | Stored Procedures, Triggers & Functions | Index Design & Parameter Sniffing | tSQLt Unit Testing | Python (SQLAlchemy, pyodbc) | dbt (Intermediate)

EXPERIENCE

Database Developer (SQL)

The Home Depot

June 2022 - Present Atlanta, GA

- Develop T-SQL stored procedures, functions, and triggers for Home Depot's inventory replenishment system serving 2,300 stores; handle 1.4M SKU-location records daily
- Reduced application query latency by 70% across 12 high-traffic stored procedures through covering index additions, parameter sniffing mitigation, and OPTIMIZE FOR query hints
- Designed and implemented 180-table operational database schema for new supplier portal from scratch; delivered on 5-month schedule with 100% test coverage via tSQLt unit tests
- Built Azure Data Factory pipelines loading supplier catalog data (8 sources, 600K rows/day) into SQL Server staging environment; achieved 99.97% pipeline success rate
- Participated in Agile sprint planning; delivered 18 SQL development story points per 2-week sprint on average across 12 sprints

SQL Developer / Database Developer

Cox Enterprises

August 2019 - May 2022 Atlanta, GA

- Maintained PostgreSQL 13 and SQL Server 2019 databases for digital media publishing platform; supported 40M monthly active users
- Wrote Python + SQLAlchemy scripts automating database schema migrations across 8 environments, reducing deployment time by 80% and eliminating manual DDL errors
- Optimized 30+ Django ORM-generated SQL queries by adding composite indexes and query hints, cutting P95 API response time from 2.1 s to 380 ms

EDUCATION

B.S.

Georgia State University

Computer Science

Atlanta, GA
May 2019
GPA: 3.6

CERTIFICATES

Microsoft Certified: Azure Data Engineer Associate (DP-203)

Microsoft · August 2023

Validates skills in designing and implementing data engineering solutions on Azure, including ADF pipelines and SQL workloads.

dbt Certified Developer

dbt Labs · April 2022

Validates expertise in building, testing, and deploying data transformation models in cloud data warehouse environments.

AWARDS

Best Database Developer

TechCorp · 2019

Awarded Best Database Developer of the year

LANGUAGES

English
Native

HOBBIES

Reading technical books