

[Alex Sterling]

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#### Objective:

Detail-oriented and experienced Mid-level Database Developer with a strong background in database development, management, and ETL processes. Proven ability to collaborate with cross-functional teams, ensuring the optimization, performance, and security of business data. Seeking a challenging role to contribute technical expertise and strategic thinking to database-related projects.

#### Professional Experience:

Mid-level Database Developer | Tech Solutions Inc., New York, NY | Jan 2022 - Present

#### Responsibilities:

Collaborated with Project Management, Business Analysis, Quality, and Management Team throughout SDLC phases.

Conducted routine DBA checks on SQL Servers, monitored resources, and ensured execution of scheduled jobs.

Installed and configured MS SQL Servers, MySQL, and PostgreSQL as needed.

Developed, tested, and deployed optimized database code, including stored procedures, triggers, and functions.

Conducted data migrations and maintained database scripts.

Analyzed business requirements and designed database schema, tables, views, and indexes.

Provided support for maintenance plans, backup, recovery, and capacity planning.

Reviewed patch release notes for critical updates and applied security updates.

Created and maintained database documentation, including data dictionaries and entity-relationship diagrams.

Developed ETL workflows, mappings, and data integration patterns.

Utilized Python, Airflow, Pandas, and other tools for ETL processes.

Setup, monitored, and maintained Airflow & ETL DAGs.

Managed API integration, including endpoint setup, authentication, payload handling, and response parsing.

Processed retrieved data using Python functions or external libraries for cleaning and transformation.

Maintained data integrity, tuned databases for optimal results, and monitored application resources.

Assisted developers in writing complex queries and ensured performance and security requirements were met.

Provided training and upgrades to team members on SQL technologies.

Education:

Bachelor of Science in Computer Science | City University, New York | 2019

Skills:

Database Management: MSSQL, MySQL, PostgreSQL

Programming Languages: T-SQL, Python

ETL Tools: Airflow, Pandas

Database Design: Schema, Tables, Views, Indexes

Data Integration: ETL Workflows, Data Mapping

API Integration: Endpoint Setup, Authentication, Payload Handling

Documentation: Data Dictionaries, Entity-Relationship Diagrams

Resource Monitoring: Memory, Disks, CPU

Quality Assurance: Performance Tuning, Data Integrity

Team Management: Query Verification, Training, Upgrading