

DAVIT KHANAL

CONTACT

-  9860135336
-  khanaldavit@gmail.com
-  Kathmandu, Nepal
-  davitkhanal.com.np

SUMMARY

Database Developer and Administrator with **2+ years of experience** specializing in **PostgreSQL, SQL Server, ETL, and data migration** for fintech services. Passionate about optimizing database performance, ensuring data integrity, and delivering high-quality solutions. Skilled in **data warehousing, query optimization, and cloud databases (AWS RDS/Aurora)** with a strong focus on innovation and customer satisfaction.

SKILLS

DATABASE

- Mysql
- SQL Server
- PostGres

OTHER SKILLS

- Data Ware Housing
- ETL
- Git
- Airflow
- AWS RDS & Aurora

WORKING EXPERIENCE

● DATABASE DEVLOPER

Vanilla Transtechnor | April 2024 - Present

- Reduced query execution time by 40%+ through indexing, query refactoring, and execution plan analysis in PostgreSQL & SQL Server.
- Optimized T-SQL/PGSQL scripts to minimize CPU and I/O usage, improving overall system efficiency.
- Designed Airflow DAGs for automated data migration, reducing manual effort by 50%.
- Implemented Snowflake for scalable data warehousing and integrated it with AWS Lambda for real-time report generation.
- Migration of system / database using tools such as airflow, SSIS and spark.

● SUPPORT ENGINEER

Synergy Tech Software | April 2022 - April 2024

- Developed **complex SQL queries** for dynamic financial reports, improving client decision-making speed by **30%**.
- Automated recurring reports using **Python + PostgreSQL**, saving **15+ hours/month** in manual work.
- Resolved **200+ database-related tickets** for fintech clients, maintaining **95%+ customer satisfaction**.

EDUCATION

NEPAL COMMERCE CAMPUS

Bachelor in Business Administration
2021 - Present

CAPITAL COLLEGE AND RESEARCH CENTER

Intermediate in Biology
2016 - 2018

CERTIFICATION

● SKILLUP EDTECH

ETL and Data Pipelines with Shell,
Airflow, and Kafka

Issued: Apr 2025 | Credential ID: RKSTWNJASXDI

Designing **Airflow DAGs** for ETL, **Kafka** for real-time data streaming, and **shell scripting** for pipeline automation

PROJECTS AND ACHIEVEMENTS

Migration of Malaysia's biggest remittance fintech company from SQL Server to Postgres through AWS S3 and Airflow

Migrated central banking system of class D financial bank which was running in SQL server to MYSQL

Successfully completed ISMS awareness program for internet safety, office secure tools and guidelines for mishappen from unaware intervention