

# DAVIT KHANAL

## CONTACT

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## 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

## EDUCATION

### NEPAL COMMERCE CAMPUS

Bachelor in Business Administration  
2021 - Present

### CAPITAL COLLEGE AND RESEARCH CENTER

Intermediate in Biology  
2016 - 2018

## WORKING EXPERIENCE

### • DATABASE DEVELOPER

- 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**.

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## 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

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## 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