

AARAV KUMAR SINGH

DATA ENGINEER

My Contact

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☎ 7970623360

📍 Patna , Bihar

🌐 [Youtube](#)

Technical Skills

- Programming Languages-C++,Python,Java
- Database- MySQL
- Big Data Frameworks-Hadoop,Hive,Pyspark
- Cloud Services and Cloud Warehouse- Azure,AWS,Snowflake
- Control System-Git

CERTIFICATIONS

- AZ-900
- DP-900
- SNOWFLAKEPRO CORE Certificaton ONGOING

Education Background

- HALDIA INSTITUTE OF TECHNOLOGY
BACHELORS IN ELECTRONIC AND COMMUNICATIONS (8.84 CGPA)
Completed in 2022

SOCIAL PROFILE LINKS

- [Github](#):
- [Linkedin Profile](#):
- [Codestudio Profile](#) :
- [Leetcode Profile](#) :

About Me

Results-driven Data Engineer skilled in designing, developing, and optimizing data pipelines. Cloud-savvy with a passion for leveraging cutting-edge technologies to transform complex data into actionable insights. Strong problem-solving abilities and excellent communication skills. Seeking to drive innovation and contribute to a dynamic data engineering team

Professional Experience

COGNIZANT- Data Engineer

AUG 2022 – Present

Worked in Program Management Operational Dashboard

Key responsibilities:

- Backend Lead responsible for single-handedly designing and developing the end-to-end data pipeline. Demonstrated **strong leadership, technical expertise, and problem-solving skills**. Designed efficient, scalable, and reliable data processing mechanisms. Collaborated with cross-functional teams to gather requirements and translate them into robust pipeline architecture. Ensured seamless operation and high performance.
- **Ingested and processed raw data from source, applying cleaning and transformation** techniques, and efficiently loaded it into **Azure SQL database**.
- Monitored and ensured the seamless operation of data pipelines, conducting regular checks to verify pipeline functionality and data integrity. **Implemented robust monitoring systems to promptly identify and address any issues in the pipeline, ensuring the consistent and accurate flow of data**. Proactively assessed data quality and implemented measures to validate the incoming data, ensuring it adhered to the required format and standards.
- Utilized **Azure Data Factory, Azure Data Flow, Blob Storage, and SQL Server Management Studio for seamless data ingestion, transformation, mapping, and loading into Azure SQL Database**.

Personal Project

Created AWS Pipeline

- Designed End to End AWS Pipeline from ingestion to store into Database
- **Download Data from API through Lambda store into S3 bucket** and with help of **aws glue performed ETL job and write data into Dymo Db**.

Achievements

- Created and published over 12 educational videos on SQL on [YouTube](#), achieving cumulative view count of over 1000. Demonstrated expertise in SQL concepts and effectively communicated complex topics to a wide audience.
- Leetcode 220+ Questions Solved
- Achieved one of the top badge 'Sensei' on Codestudio platform for SQL solving skills
- HACKERRANK MYSQL- 4 STAR RATING
- GATE ECE 2022 QUALIFIED