Himanshu Patidar

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Professional Summary

Data Engineer with 4 years of expertise in building complex ETL pipelines, Data Warehousing, and Big Data technologies (Spark, Kafka, Hadoop, Hive). Proficient in Snowflake, AWS (Glue, S3, EMR), and Azure (ADF, Blob Storage). Skilled in Python, Java, and SQL with a strong foundation in data structures and algorithms.

Education

- **Integrated M.Tech in IT**
  International Institute of Professional Studies, DAVV Indore
  CGPA: 9.2

- **12th**
  Jawahar Navodaya Vidyalaya, Junapani
  Percentage: 87.2%

- **10th**
  Jawahar Navodaya Vidyalaya, Junapani
  CGPA: 10

Professional Experience Summary

(Companies & Duration)

Company	Duration
Systango Technologies, Indore	Jan 2021 – Present

Skills

- **Programming:** Python, Java, SQL
- **Big Data Tools:** Spark, PySpark, Kafka, Hadoop, Hive, Ignite
- **Cloud:** AWS (Glue, Athena, S3, EMR, Step Functions, SNS, SQS, Lambda, RDS, cloudformation etc)
- **Databases:** SQL, MySQL, Apache Ignite
- **Data Warehouse:** Snowflake
- **ETL Tools:** Talend
- **Version Control:** Git
- **BI Tools:** Power BI
- **File Formats:** Excel, CSV, Parquet, txt etc

Projects

Space and Time, Snowflake

- Loaded data from Azure Blob Storage into Snowflake, comparing cost/performance of internal vs. external tables.
- Developed Spark utility to transform JSON files into Delta tables (Parquet) for Snowflake ingestion.
- Implemented real-time data ingestion using Spark Streaming.
- Managed listings on Snowflake Marketplace for data sharing.

Timesheet

- Built ETL pipelines to extract, transform, and load data from MySQL to Snowflake.
- Automated daily data ingestion jobs and optimized query performance using materialized views and indexes.
- Handled unsupported data types using Talend and implemented RBAC for data privacy compliance.

Space and Time, Data Ingestion

- Designed ETL pipelines to ingest data from Kafka topics into Azure Blob Storage.
- Optimized data streaming between Kafka and Apache Ignite for improved performance.
- Continuously enhanced data ingestion code for efficiency and reduced latency.

Liberty Insurance

- Designed ETL pipelines to consolidate customer data using SQL joins and delivered exports to target teams.
- Conducted KYC and AML checks for regulatory compliance.
- Applied SCD Type 1 and Type 2 methodologies for historical and current data management.
- Enforced referential integrity checks and followed CI/CD processes for deployments.

Achievements

- LinkedIn Skill Badges: Python, MySQL, Power BI, Java, C, C++, JavaScript, Maven.
- 5-star coder at HackerRank.
- Top 10 performer at the company for two consecutive quarters.
- Top 3 performer in the internship/training program.
- Received "Pat on the Back" certificate of appreciation.