

SHASHANK ANANTHARAJU

Professional Summary: Data Engineer with hands-on experience in Databricks, PySpark, SQL, Delta Lake, and Snowflake. Skilled in building scalable batch pipelines with full and incremental loads, implementing DLT, LakeFlow, SCD Type 2, and executing Oracle to Databricks migrations.

Highlights of Expertise:

- ❑ Working as a **Data Engineer** with experience in Databricks-based data engineering solutions
- ❑ Strong hands-on experience with **PySpark and SQL** for data transformation and analytics
- ❑ Built **Spark Declarative Pipelines (DLT)** supporting full and incremental loads
- ❑ Designed and developed **data marts** for reporting and analytical use cases
- ❑ Implemented **LakeFlow Connect** with **Slowly Changing Dimensions (SCD Type 2)**
- ❑ Performed **Oracle to Databricks migration** using Databricks Lakebridge
- ❑ Experience with **Delta Lake** features and medallion architecture
- ❑ Strong exposure to data validation, reconciliation, and performance optimization
- ❑ Ability to translate business requirements into scalable data pipelines
- ❑ Effective collaboration with cross-functional and client-facing teams

Technical Skills:

- **Data Platforms:** Databricks, Snowflake
- **Programming Languages:** PySpark, SQL
- **Databases:** Oracle, Snowflake
- **Databricks Stack:** Delta lake, DLT, Lakeflow, Lakebridge
- **Cloud Platforms:** AWS, Azure
- **BI & Reporting:** PowerBI, Tableau, Looker
- **Other Tools:** Github, GitLab, Linux, Airflow

Project / Experience Details:

Decision Minds

Role: Data Engineer

Client: NXP Semiconductors

Responsibilities:

- Built **Spark Declarative Pipelines (DLT)** in Databricks handling **full and incremental loads** for scalable batch processing
- Designed and developed **data marts** on aggregated datasets to support analytics and reporting
- Implemented **LakeFlow Connect** pipelines with **SCD Type 2** for historical data tracking
- Utilized **Databricks Lakebridge** for **Oracle to Databricks migration**, including schema conversion and data validation
- Optimized PySpark and SQL transformations for performance and reliability
- Worked closely with stakeholders to understand business requirements and deliver data solutions

Quess Corp Limited

Role: Associate Engineer

Responsibilities:

- ☒ Developed data ingestion and transformation pipelines using PySpark and SQL on Databricks
- ☒ Worked with structured data from APIs and relational databases
- ☒ Supported pipeline monitoring, orchestration, and performance optimization
- ☒ Implemented data quality checks and followed enterprise coding standards
- ☒ Assisted in production support and issue resolution

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Role: Trainee Engineer

Responsibilities:

- ☒ Assisted in building batch and near-real-time data pipelines using Spark and Databricks
- ☒ Supported data loading, transformation, and debugging activities
- ☒ Gained hands-on experience with SQL, PySpark, Git, and ETL workflows
- ☒ Contributed to documentation and operational support tasks

Education:

☒ Bachelor of Engineering (BE) – Computer Science

ATME College of Engineering, Mysuru

Certifications:

- **Databricks Certified Data Engineer – Associate**
- Aspiring Databricks Certified Data Engineer – Professional
- Databricks Lakehouse Fundamentals

- SnowPro Core Certification
- MLOps (Machine Learning Operations) Certificate