Megha Hole

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Result-driven **Data Engineer** with **4+ years** of experience designing and optimizing **scalable data pipelines, ETL workflows, and cloud-based data solutions** across telecom, banking, healthcare, and insurance domains. Expertise in **big data processing, cloud computing such as AWS, Azure, GCP, and SQL performance tuning**. Strong problem-solving abilities with hands-on experience in **migrating large datasets, real-time data processing, and data quality frameworks**.

SKILLS

Programming Languages: Python, SQL, PL/SQL, Unix Shell Scripting, R, C++ , **ETL & Data Engineering:** Ab Initio, Talend, Informatica, AWS Glue, Azure Databricks, **Big Data & Cloud:** AWS (S3, RDS, DMS), Azure, GCP, Snowflake, Apache Spark, Hadoop, Hive **Database Management:** Oracle, PostgreSQL, MySQL, Teradata, Cosmos DB, MS SQL**, Data Modeling & Optimization:** Star & Snowflake Schema, Fact-Dimension Tables, Query Performance Tuning, **Visualization & Reporting:** Power BI, Tableau, Grafana, Splunk, **Version Control & Scheduling Tools:** Agile, Scrum, Jira, Git, Apache Airflow, Autosys, Control-M

EXPERIENCE

Data Engineer | Kwaii, USA |California | Jan 2025 - Present
- Automated **CI/CD pipelines** for ETL deployments, reducing manual effort by 20%
- Optimized **ETL workflows** using AWS, improving data processing speed.
- Collaborated with business users to train them in effectively leveraging Power BI reports.

Data Engineer | Xoriant Solutions Pvt. Ltd. USA |California | Nov 2024 - Jan 2025
- Optimized changes to improve process, changing partitions from 8-way to 32-way with managing layout differences.
- Led **Oracle-to-AWS database migration** using **DMS**, achieving **data accuracy** with minimal downtime.
- Built and optimized **Spark-based ETL pipelines**, reducing batch processing time by **40%**.

Data Engineer | Vodafone Intellectual Solutions | Pune | Dec 2021 - Dec 2022
- Spearheaded the development of advanced **Power BI visualizations** to monitor business performance and key metrics.
- Built and maintained dimensional data models to support scalable analytics and reporting systems.
- Developed **ETL pipelines** to transform and load data from multiple sources into databases, ensuring data integrity.
- Migrated **SCD 3 to SCD 2** in **Oracle SQL**, reducing data redundancy and query execution time by **30%**.
- Collaborated with stakeholders to identify trends and deliver actionable insights, improving cross-departmental decision-making.

Data Engineer | Larsen & Turbo Pvt. Ltd | Pune | Sep 2020 - Dec 2021
- Revamped **ETL pipelines using Ab Initio & SQL**, improving data transformation efficiency by **30%**.
- Led the migration of legacy data pipelines to cloud platforms using AWS and Power BI dashboards for reporting.
- Enhanced data governance practices and implemented **data quality checks**, increasing data reliability by 25%.
- Designed scalable data models for analytics, **improving query performance** by 30%. Partnered with senior leaders to identify strategic opportunities and deliver data-driven recommendations.

Data Engineer | Accenture Solutions Pvt. Ltd. | Pune | Nov 2016 - Sep 2020
- Automated data quality validation scripts and built interactive Power BI dashboards to support production teams.
- Led **integration testing and production deployments**, ensuring **seamless data transitions**.
- **Automated data validation** scripts, improving compliance and **reducing errors by 15%**.
- Developed custom visualizations for real-time insights, improving operational decision-making processes.
- Delivered actionable insights by designing Tableau dashboards, empowering business leaders with better reporting.

EDUCATION

Master of Science in Computer Science
Grand Valley State University | Grand Rapids, MI, USA | Jan 2023 – Dec 2024 | GPA: 4.0

CERTIFICATIONS & ACHIEVEMENTS

AWS Certified Cloud Practitioner (2020) | Employee of the Year (Accenture, 2019) | Tableau Certification for Data Scientists (2024) | Machine Learning with Python (2024)