

SANTOSH KUMAR GOUDA

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PROFESSIONAL SUMMARY

Data Engineer with 8+ years of experience in designing scalable data solutions, building ETL pipelines, and optimizing cloud-based data workflows. Proficient in Python, SQL, Airflow, and PySpark with expertise in AWS (S3, Glue, Redshift, EMR, RDS) and Azure (Data Factory, Databricks) platforms. Demonstrated success in reducing processing time by up to 40% and enhancing analytics capabilities for business teams across industries.

PROFESSIONAL EXPERIENCE

Data Analytic Tech Lead

Sears Global Technologies India Private Limited – Pune *November 2022 – Present*

- Engineered ETL pipelines using **Python** and **SQL** to transfer data from on-prem OLTP systems (**MySQL**, **PostgreSQL**, **MongoDB**) and cloud storage (SFTP, S3) to **Snowflake**, increasing data ingestion speed by 30%.
- Automated ETL workflows with **Apache Airflow**, reducing manual intervention by 40% and achieving 99% on-time data delivery.
- Designed 200+ complex **SQL** queries monthly to fulfill ad-hoc analytics requests, achieving a 98% stakeholder satisfaction rate.

Data Engineer

Enkash – Bangalore *May 2022 – September 2022*

- Built scalable ETL pipelines with **AWS Glue** and **PySpark** to migrate on-premises MySQL data to **Redshift**, cutting data processing time by 40%.
- Developed advanced **AWS Glue scripts** for data transformation, reducing execution time by over 25% per job.
- Designed interactive dashboards using **AWS Quicksight**, enhancing visibility into sales performance for 200+ business users.

Data Engineer

Tech Mahindra – Bangalore *May 2021 – May 2022*

- Designed data pipelines leveraging **AWS Glue** and **S3**, consolidating 5TB+ of disparate data sources for accelerated business analytics.
- Automated reconciliation workflows with **Python scripts**, achieving a 90% improvement in accuracy and saving 20+ hours of manual effort weekly.
- Improved ETL performance with **AWS Glue**, reducing data wrangling time by up to 40%.

Data Engineer

Alten India – Bangalore *September 2020 – April 2021*

- Migrated legacy **SSIS packages** from SQL Server to **Azure Databricks**, reducing ETL execution time by 35% and supporting real-time analytics.
- Developed **Azure Data Factory** pipelines for seamless integration of Blob Storage and Data Warehouse, boosting data integration efficiency by 50%.

Data Analytics Engineer

Bristlecone – Bangalore *November 2019 – September 2020*

- Architected a data management framework to reduce retrieval time by 25%, enhancing operational efficiency for cross-functional teams.
- Built ETL pipelines to process 500,000+ records daily into **Azure Data Lakes**, improving data accessibility by 30%.

Data Analyst

Accenture Solutions – Bangalore *January 2016 – September 2018*

- Automated data extraction using Python, reducing data acquisition time by 35% and improving data availability for analysis.
- Diagnosed and resolved 50+ critical coding errors in extraction scripts, ensuring high system performance and data integrity.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (Glue, Redshift, S3, IAM, RDS, Lambda, Athena, EMR, Quicksight), Azure (Data Factory, Databricks, Blob Storage, Synapse, Azure SQL), Snowflake
- **Data Solutions:** ETL, Data Pipelines, Data Modeling, Data Warehousing, Data Lakes
- **Languages:** Python, SQL, PySpark
- **Tools & Frameworks:** Apache Airflow, PostgreSQL, MySQL, Git, JIRA

EDUCATION

Bachelor of Technology in Computer Science and Engineering

National Institute of Technology, Nagaland | 2011 – 2015 | **CGPA:** 7.74

CERTIFICATIONS

- **Microsoft Certified Azure Data Engineer Associate** – Microsoft (Valid through September 2025)
- **AWS Certified Data Analytics Specialty**- AWS (Valid through September 2025)
- **Complete SQL Bootcamp** – Udemy (Lifetime Valid)