Jagadeesh Thiruveedula

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Professional Summary

Data Architect with 9+ years of experience in multi-cloud (GCP & AWS) solutions. Expertise in Big Data, ETL pipelines, and cloud-native analytics. Skilled in data migration, cost optimization, and automation. Passionate about performance-driven, secure, and scalable architectures.

Technical Skills

- Cloud: GCP (BigQuery, Dataflow, Dataproc), AWS (S3, Glue, Redshift)
- Languages: Python, SQL, Shell, Java, Scala
- Big Data & ETL: Spark, PySpark, Talend, Informatica
- Databases: BigQuery, Redshift, Teradata, Oracle, MySQL
- Expertise: Multi-cloud migration, real-time streaming, automation

Professional Experience

Associate Data Architect | NRG Energy (Sep 2023 – Present)

- Led AWS to GCP Databricks migration, optimizing storage costs by 20%.
- Automated data validation using Python & Shell, reducing manual work by 80%.
- Designed secure cross-cloud networking with VPC Peering & Private Google Access.

Lead Data Engineer | HCA Healthcare (Sep 2022 – Jan 2025)

- Migrated 100+ TB from Cloudera & Teradata to GCP.
- Built real-time streaming with Kafka & Pub/Sub, improving accessibility.
- Optimized ETL performance by 30% using PySpark & cloud efficiencies.

Senior Data Engineer | Charles Schwab (Apr 2019 – Aug 2022)

- Migrated legacy Hadoop & Teradata to GCP, improving speeds by 25%.
- Automated PySpark pipelines, supporting 30M+ daily transactions.

Data Engineer | DSO MCS Group (Aug 2018 – Mar 2019)

- Developed cloud-native data solutions with Talend ingestion pipelines.

ETL Developer | InnoMinds (Jun 2015 – Jul 2018)

- Designed ETL workflows, improving data accuracy and reporting.

Key Projects

AWS to GCP Migration | NRG Energy
- Migrated petabyte-scale data from S3 to GCS with automated validation.

Enterprise Data Modernization | HCA Healthcare
- Migrated 50+ data sources to BigQuery, reducing costs by 30%.
- Built serverless ETL pipelines, reducing processing time by 40%.

On-Prem to Cloud Migration | Charles Schwab
- Optimized ETL workflows with PySpark & Talend, cutting times by 40%.

Education & Certifications
- B.Tech – Jawaharlal Nehru Technological University (2015)
- Google Cloud Certified – Professional Data Engineer
- Talend Data Explorer Certification
- Spark Certified Hadoop Developer

Why Hire Me?
✅ Multi-cloud expert (AWS & GCP) with a track record in migration & optimization.
✅ Hands-on experience in enterprise-scale data solutions.
✅ Passionate about automation, analytics, and cost-effective architectures.