

Bhuwaneshwar Sagar Chintala

Houston, TX | +1 713-815-1609 | bsagar0706@gmail.com | LinkedIn | GitHub

SUMMARY

Data Engineer with 4+ years of experience building scalable cloud data platforms across healthcare and financial services. Specialized in cloud-native (AWS & GCP) architectures processing millions of daily events, dimensional modeling with dbt, and data quality frameworks ensuring SOX and HIPAA compliance for analytics and ML workloads.

SKILLS

Programming & Scripting: Python, SQL (Advanced), T-SQL, PL/SQL, R, Shell Scripting, Linux/Unix, Java
Cloud & Data Platforms: AWS (S3, Glue, Redshift, Lambda, Step Functions, Kinesis, EMR), GCP (BigQuery, Dataflow, Pub/Sub, Dataproc, Cloud Functions), Snowflake, Databricks
Data Engineering: Apache Spark, Apache Kafka, Apache Flink, REST API Integration, dbt, Airflow, Dagster, ETL/ELT
Databases: PostgreSQL, MySQL, MongoDB, DynamoDB
Data Modeling: Dimensional Modeling, Star Schema, Snowflake Schema
DevOps & IaC: Terraform, Docker, Kubernetes, CI/CD, Git, GitHub Actions, GitLab CI
Data Quality & Analytics: Great Expectations, dbt Tests, Tableau, Power BI, CloudWatch

WORK EXPERIENCE

Ring Therapeutics — Data Engineer (Contract) *New Jersey, USA | Dec 2024 – Present*

- Built a HIPAA-compliant AWS data pipeline using medallion architecture with S3, Glue, and Redshift to process de-identified healthcare records, ensuring robust RBAC and PHI encryption.
- Developed event-driven ingestion framework using Step Functions and Lambda to process 10K+ daily genomic records reducing processing costs from \$4.8K to \$1.7K via serverless orchestration.
- Engineered real-time Kafka + Flink pipelines with stateful windowing, achieving high reliability and meeting strict freshness SLAs monitored via CloudWatch.
- Collaborated with stakeholders to establish data quality and validation frameworks using Great Expectations integrated into CI/CD, implementing automated SNS alerting that identified 95% of data issues in pre-production.

Ford Motor Company — Associate Data Engineer *Chennai, India | Jan 2022 – Dec 2023*

- Built BigQuery warehouse with 5+ star schemas for 50+ analysts, accelerating query performance by 60% through optimized partitioning and clustering.
- Developed 30+ dbt models for connected vehicle analytics with incremental materialization and SCD Type-2 tracking, significantly improving data reliability through dbt tests and Dataplex profiling.
- Pioneered data migration from Teradata to BigQuery using Airflow and Dataproc, completing the project 2 weeks early through optimized broadcast joins and Spark caching.
- Provisioned GCP infrastructure via Terraform with Cloud KMS and IAM policies, streamlining deployment workflows while enforcing strict SOX and PCI-DSS compliance for sensitive credit data.
- Orchestrated 10+ Airflow DAGs managing end-to-end ETL workflows, data pulling from REST APIs with self-healing retry logic, custom dependencies and improved production pipeline uptime from 96.2% to 99.7%.

Highradius Technologies — Machine Learning Engineer *Hyderabad, India | Jun 2020 – Jan 2022*

- Built data pipelines processing 100K+ transactions from MySQL/PostgreSQL, utilizing automated validation and feature engineering to enhance model training accuracy.
- Developed NLP pipeline using spaCy/NLTK to process 50K+ documents, reducing manual review overhead and improving routing accuracy for dispute categorization.
- Deployed ensemble models (XGBoost/Random Forest) via Docker, enabling the recovery of \$2M+ in outstanding receivables and reducing DSO by 8 days.
- Created 5+ Tableau dashboards visualizing account prioritization, enabling leadership to accelerate decision-making through real-time collection performance metrics.

EDUCATION

University of Houston — Master of Engineering in Data Science (CGPA: 3.51 / 4.0) *May 2025*

CERTIFICATIONS

AWS Certified Data Engineer - Associate (Expires Aug 2028) | dbt Fundamentals - dbt Labs