## **Praveen Reddy C**

Hyderabad

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## **Professional Summary**

Dynamic Data Engineering Specialist & A **Youtuber** with 8+ years of proven expertise designing, building, and optimizing scalable data platforms. Broad hands‑on experience across the full data engineering lifecycle—batch and streaming—using virtually every **AWS** and **Azure** data service, including EMR, Glue, Athena, Redshift, Databricks, Snowflake, Synapse, ADF, HDInsight, Kafka, Azure EventHub, Gen2 Containers and Airflow in orchestration.

Passionate lifelong learner who proactively explores emerging tech—conducting self‑driven POCs on Apache Flink, Apache Arrow, open table formats, and other frameworks not encountered in live projects.

Generative AI aspirant with deep dives into RAG, Agentic frameworks (LangChain, Agno, CrewAI), and Chatbots, sharing regular tutorials and insights on [YouTube: @LetsLearnWithChinnoVino](https://www.youtube.com/@LetsLearnWithChinnoVino).

## **Core Competencies**

* **Cloud & Orchestration:** AWS (EMR, S3, Glue, Athena, Redshift, Lambda, Step Functions, Kinesis) · Azure (Databricks, Synapse, ADF, Event Hubs) · Snowflake · Airflow · dbt Core
* **Data Platforms:** Spark (PySpark, Scala, Java) · Hadoop (Hive, HBase, Sqoop, Oozie) · Apache Flink · Kafka
* **Storage & Formats:** Delta Lake · Apache Iceberg · Apache Hudi · Azure Gen2 Containers · S3
* **Modeling & Architecture:** Medallion Architecture · Dimensional Modeling · Batch & Streaming Pipelines
* **Programming & Tools:** Python · Scala · JavaScript · Java · SQL · Boto3 · Git · Linux
* **AI/ML & Emerging Tech:** scikit-learn · Generative AI – RAG · Agentic Frameworks (LangChain, Agno, CrewAI)

## **Professional Experience**

**Barclays Bank**, Lead Data Engineer · 2024 Jan – Present

* Led design and build of AWS‑based data warehouse using dbt Core, Athena, and S3, enabling Teradata exit strategy.
* Developed 100+ modular dbt models with automated quality tests; planned migration to Redshift for high‑performance analytics.
* Collaborated with BI teams on Athena analytics; documented data lineage and implemented dbt snapshots for versioning.

**Canopius Insurance**, Big Data Developer · 2022 March – 2024 Jan

* Architected Azure data platform with Databricks Medallion layers; built streaming ingestion via Delta Live Tables and batch jobs with Delta Tables.
* Modeled star schemas in Synapse; automated deployments using Azure DevOps; optimized storage in Azure Gen2 Containers.

**BMO (D&A Platform)**, Big Data & Airflow Developer · Nov 2020–2022

* Co‑developed frameworks (Batch Ingestion 2.0, AWS Export) to migrate on‑prem Hadoop to AWS; processed diverse formats (CSV, JSON, FIXED).
* Created 50+ Airflow DAGs with dynamic generation, SLA monitoring, retries; tuned EMR Spark jobs, reducing runtime by 30%.

**Capgemini (CIAP)**, PySpark Developer · Oct 2019–Oct 2020

* Processed nested JSON pipelines on EMR; denormalized, enriched, and loaded into HBase; automated with Lambda, Step Functions, Glue.
* Authored Phoenix SQL for real‑time dashboards; extended pipelines to Azure HDInsight and Gen2 Containers.

**TA\_DWH (Insurance)**, Spark (Scala/Java) Developer · Jul 2018–Oct 2019

* Ingested SFTP‑sourced data into HBase; normalized into Hive using Spark scripts; delivered business extracts via Scala/Java.

**UCD (Banking)**, Junior Software Developer · Jun 2016–Jun 2018

* Developed JSF-based web layers, DAO implementations with JDBC; led KT sessions and QA defect resolutions.

## **YouTube & Upskilling**

* **Weekly Content Creation:** Publish hands-on tutorials on data engineering innovations every week on my LinkedIn & Youtube.
* **Weekend Exploration:** Dedicate weekends to self-driven POCs and experiments with RAG architectures, Agentic frameworks (LangChain, Agno, CrewAI, etc..), MLOps patterns, and emerging GenAI models.
* **Passion-Fueled Learning:** Sharing discoveries with 700+ subscribers on [YouTube: @LetsLearnWithChinnoVino](https://www.youtube.com/@LetsLearnWithChinnoVino) energizes my work and drives continuous improvement.

## **LinkedIn :** [**https://www.linkedin.com/in/praveen-reddy-556885159/**](https://www.linkedin.com/in/praveen-reddy-556885159/)

## **YouTube :** [**https://www.youtube.com/@LetsLearnWithChinnoVino/playlists**](https://www.youtube.com/@LetsLearnWithChinnoVino/playlists)

## **Education**

## **B.Tech, Computer Science**, SASTRA University, Thanjavur, Tamil Nadu · 2012–2016

## **12th**, Sri Chaitanya Intermediate College, Hyderabad, Telangana · 2010–2012

## **10th**, Montessori Residential School, Alampur, Telangana · 2010

**Interests**

* Meeting people and networking
* Playing badminton (Addict)
* Quality time with family and school friends
* Traveling and exploring new cultures
* Photography
* Outdoor cycling and family walks

*Strong Data Engineering expertise, Aspirant Machine Learning, Gen AI explorer, continuous learning mindset, and active community contributor.*