

NAME

Rama Chandra I.V

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Snowflake Certified | dbt | Healthcare Domain Expert (16 yrs)

SUMMARY

Data & Analytics Engineer with 16+ years experience delivering enterprise data solutions, analytics platforms, and modern data stack pipelines.

Snowflake-certified and hands-on with dbt, SQL, Python, and cloud-based ELT architecture.

Strong background in healthcare, operations, and analytics with proven implementation record at scale.

Focused on building clean, tested, modular data models and business-ready analytics.

Currently building end-to-end Snowflake + dbt projects demonstrating modern data engineering and cloud ELT pipeline capabilities.

CORE SKILLS

Cloud & Data — Snowflake, dbt, SQL, Python, S3/Blob

Data Modelling — Dimensional modelling, SCD, ELT Pipelines

Tools — Git/GitHub, Airflow (basic), VS Code, Ninja

Analytics — Healthcare Insights, Finance & Retail Metrics

Practices — CI/CD for dbt, Testing, Documentation, Version Control

CERTIFICATIONS

 **SnowPro Core Certification** — Score: 888/1000

 **Hands-On Essentials: Data Warehousing** — Snowflake

 **Hands-On Essentials: Data Applications** — Snowflake

 **Snowflake: The Complete Masterclass (Nicholas Schuller, 2022)**

 **Python for Finance & Data Analytics**

 **Azure Databricks Masterclass: ETL & Data Engineering**

dbt Analytics Engineering Certification — In Progress (Target: Jan 2026)

SIGNATURE PROJECTS

(Portfolio projects simulating enterprise analytics & data platforms)

Unified Enterprise Data Platform — Snowflake + dbt + Python (Flagship)

Built a modern cross-domain data platform integrating healthcare, retail, and finance datasets using Snowflake & dbt.

Designed raw → staging → core → marts architecture, incremental models, SCD2 dimensions, dbt tests, data quality checks, docs, and dashboards.

GitHub: [link](#)

Healthcare Analytics Warehouse — Snowflake + dbt

Modelled patient, encounters, billing, and clinical KPIs using Synthea synthetic EHR data.

Implemented staging & mart layers, quality tests, macros, and documentation.

GitHub: [Healthcare Analytics](#)

More projects available at GitHub: [Repositories](#)

PROFESSIONAL EXPERIENCE

Analytics Engineer / Senior Data Specialist — Deliveroo

Mar 2024 – May 2025, Hyderabad

- Built a **Python + Snowflake automation pipeline** to query live datasets, apply dynamic SQL logic, merge tables, and export results directly to **Google Sheets** for real-time reporting and business consumption.
- Developed **modular Python scripts** using the **Snowflake Python Connector**, enabling parameterized SQL execution and dynamic filtering based on user inputs.
- Designed and deployed **incremental data loading logic** on Snowflake, reducing compute overhead and improving data freshness while maintaining efficient pipeline execution.
- Modeled business data using a **multi-fact dimensional approach**, enabling cross-domain analytics and scalable metric definitions.
- Achieved ~**10% performance improvement** in Snowflake workloads by optimizing SQL queries, pruning unnecessary joins, and applying warehouse tuning strategies.
- Integrated **Google Sheets API** to automate analytics output delivery, ensuring stakeholders accessed fresh data without manual effort.

Program Manager & Big Data Engineer — Lightning Insights

Jun 2018 – Mar 2024, Hyderabad

- Led enterprise healthcare analytics PoCs including EHR pipelines, designing **multi-fact dimensional models** and building scalable ELT frameworks for clinical & operational insights.
- Migrated raw healthcare and IoT data into **Snowflake Cloud Data Warehouse**, integrating **nested JSON**, multi-source datasets, and AWS S3 ingestion pipelines.
- Built **high-performance ETL & ELT workflows** (Python + SQL + Snowflake) improving query efficiency and pipeline throughput across large-volume datasets.
- Developed **streaming data pipelines** for **vehicle scoring & warranty analytics**, processing telematics/sensor data for real-time reliability scoring and predictive warranty outcomes.

- Designed **real-time sensor data ingestion** from OLTP systems for industrial automation, enabling proactive monitoring and insights for manufacturing assets.
- Conducted performance tuning & cost optimization across Snowflake warehouses, **reducing compute usage and improving latency** for analytics queries.
- Served as a bridge between **engineering & stakeholders**, driving architecture decisions, sprint execution, and delivery timelines for Big Data initiatives.

Key Achievements:

- Delivered end-to-end architecture for **EHR analytics PoC**, accelerating client adoption and establishing reusable healthcare data models.
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Healthcare Systems Analyst — SSSIHMS

Feb 2012 – Mar 2018 | Puttaparthi, AP

- Led digital transformation by implementing enterprise HIS covering OP, IP, ER, Labs, Radiology, OT, Cath Lab, MRD, and billing systems.
 - Performed SQL-based data analysis for hospital operations and reporting.
 - Designed and deployed internal web applications (HTML/JS/PHP) to automate clinical workflows.
 - Conducted requirements analysis, system design, user training, and rollout of software enhancements.
 - Managed Oracle server patches, deployments, and application support.
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Technical Officer — SSSIHMS

Jan 2000 – Feb 2012 | Bangalore, Karnataka

- Supported Oracle, MySQL, SQL Server platforms, including configurations and connectivity.
 - Delivered HIS deployment for a 300-bed hospital, configuring core modules and ICD-10 coding compliance.
 - Built custom reports for clinicians and admin leadership.
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EDUCATION

- **Master of Computer Applications (MCA)**
Indira Gandhi National Open University, 2009
 - **PG Diploma in Management Information Systems & Computer Applications**
Osmania University
 - **Bachelor of Commerce (Honors)**
Sri Sathya Sai Institute of Higher Learning (SSSIHL)
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ADDITIONAL STRENGTHS

- Strong healthcare domain knowledge
- Confident communicator & stakeholder interaction
- Systems thinker — blends technology, domain, and analytics